

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099863.D
 Acq On : 7 Jun 2019 21:28
 Operator : JU/SJ
 Sample : K3221-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20190605

Quant Time: Jun 08 04:33:36 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	745	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2465	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1850	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5733	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	9630	0.40	ng	-0.01
34) Perylene-d12	23.93	264	11494	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	356	0.14	ng	0.00
5) Phenol-d6	6.97	99	296	0.10	ng	0.01
8) Nitrobenzene-d5	8.98	82	884	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	1495	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	550	0.30	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2548	0.38	ng	0.00
25) Fluoranthene-d10	19.25	212	32754	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	7478	0.42	ng	0.00

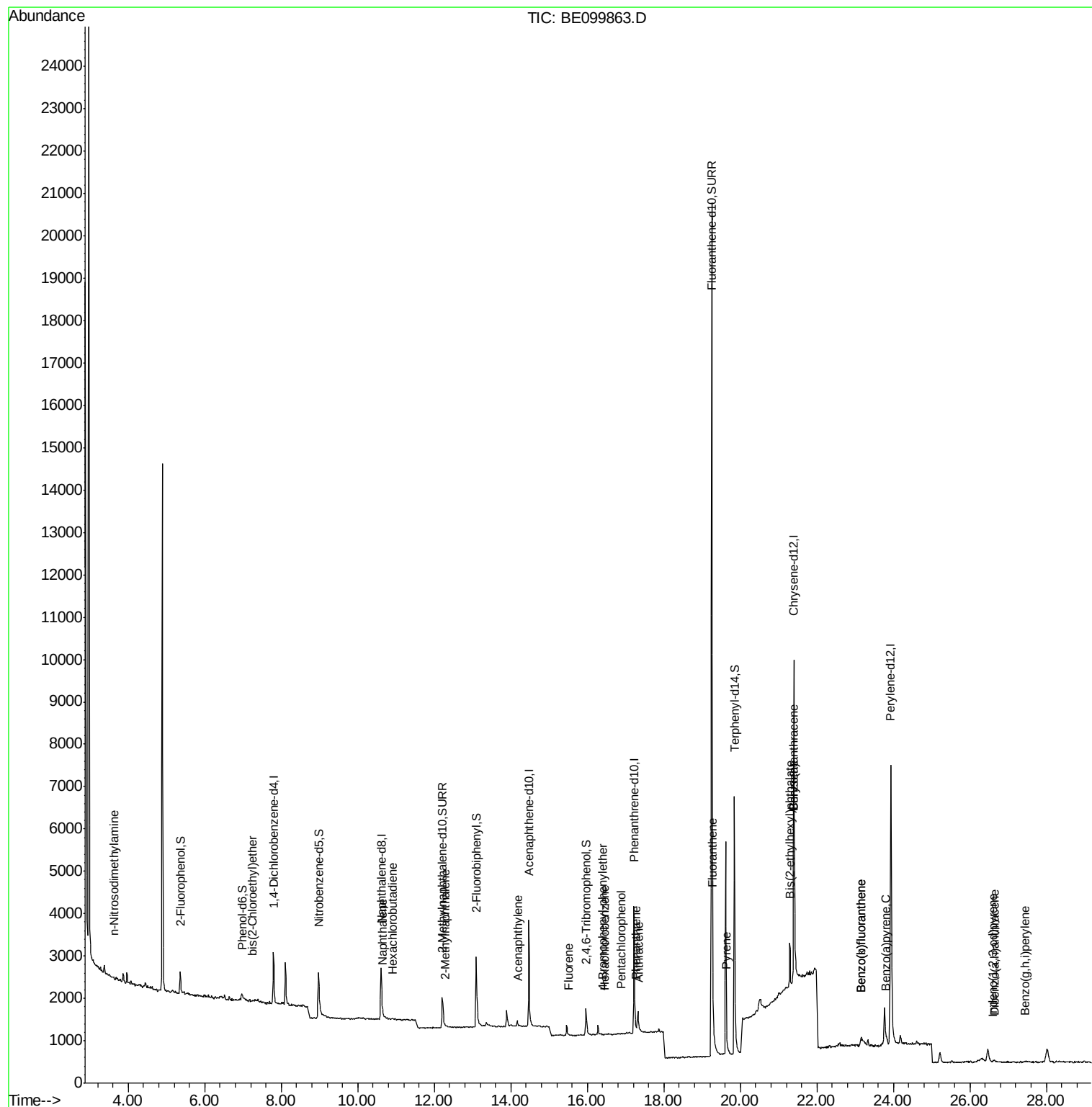
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.63	42	30	0.042	ng	# 5
6) bis(2-Chloroethyl)ether	7.24	93	6	0.003	ng	# 16
9) Naphthalene	10.65	128	97	0.004	ng	# 50
10) Hexachlorobutadiene	10.90	225	16	0.008	ng	# 90
12) 2-Methylnaphthalene	12.28	142	18	0.004	ng	# 55
16) Acenaphthylene	14.20	152	13	0.001	ng	# 61
18) Fluorene	15.52	166	14	0.002	ng	# 71
20) 4-Bromophenyl-phenylether	16.41	248	4	0.001	ng	# 63
21) Hexachlorobenzene	16.47	284	7	0.002	ng	# 35
22) Pentachlorophenol	16.88	266	27	0.252	ng	# 87
23) Phenanthrene	17.27	178	53	0.004	ng	# 63
24) Anthracene	17.35	178	28	0.002	ng	# 37
26) Fluoranthene	19.28	202	84	0.003	ng	# 88
28) Pyrene	19.64	202	83	0.003	ng	# 92
30) Benzo(a)anthracene	21.39	228	104	0.003	ng	# 1
31) Chrysene	21.39	228	82	0.003	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.29	149	1495	0.030	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.60	276	7	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.15	252	95	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.15	252	95	0.003	ng	# 1
37) Benzo(a)pyrene	23.82	252	68	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	26.66	278	7	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.45	276	32	0.001	ng	# 1

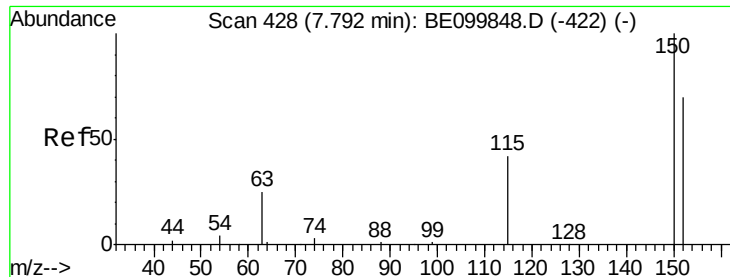
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE099863.D

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Instrument :

BNA_E

ClientSampleId :

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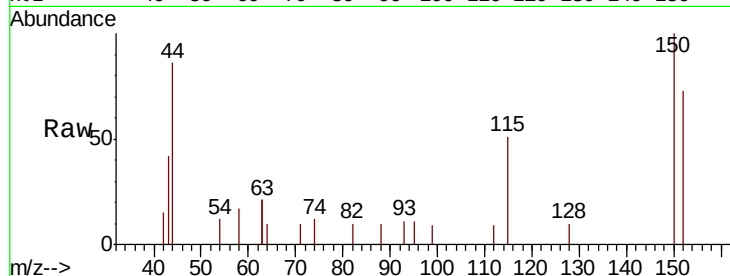
Tgt Ion: 152 Resp: 745

Ion Ratio Lower Upper

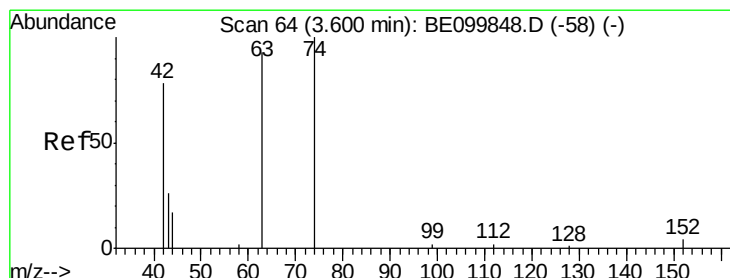
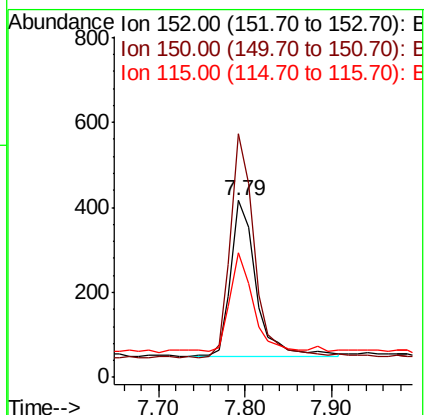
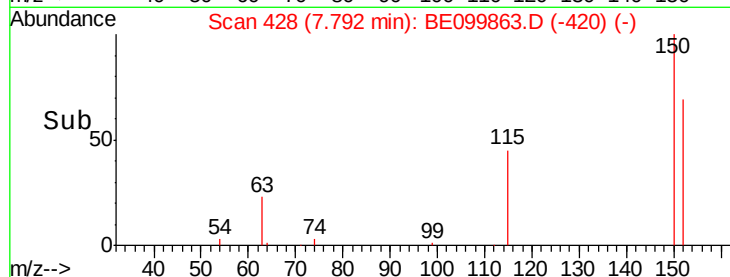
152 100

150 137.7 112.8 169.2

115 70.2 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



#3

n-Nitrosodimethylamine

Concen: 0.042 ng

RT: 3.63 min Scan# 67

Delta R.T. 0.02 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

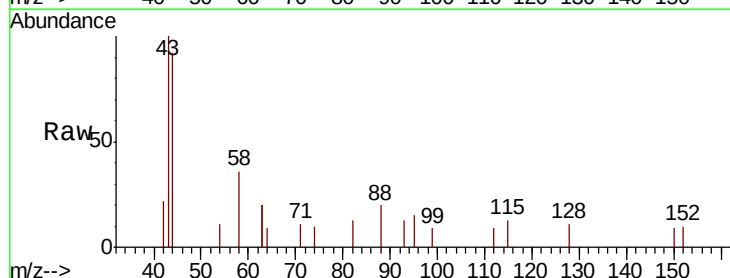
Tgt Ion: 42 Resp: 30

Ion Ratio Lower Upper

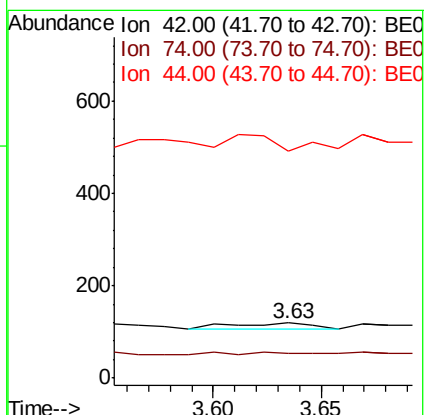
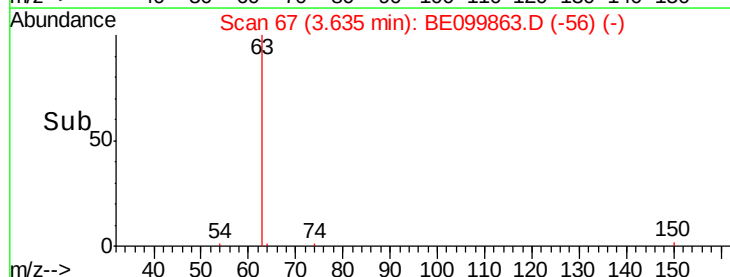
42 100

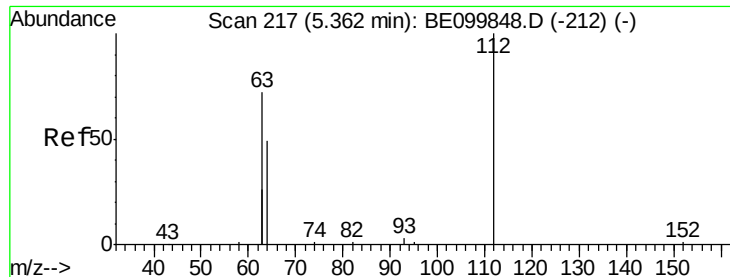
74 30.0 132.6 198.8#

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: 0.143 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099863.D

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Instrument :

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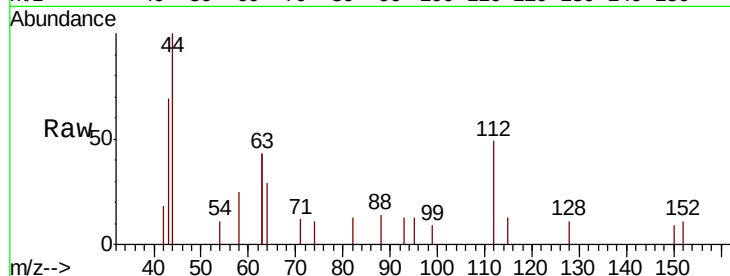
Tgt Ion: 112 Resp: 356

Ion Ratio Lower Upper

112 100

64 55.6 47.2 70.8

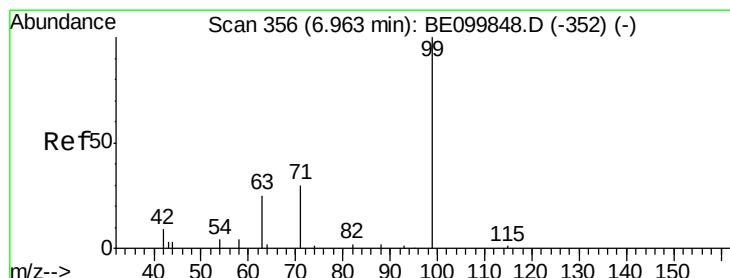
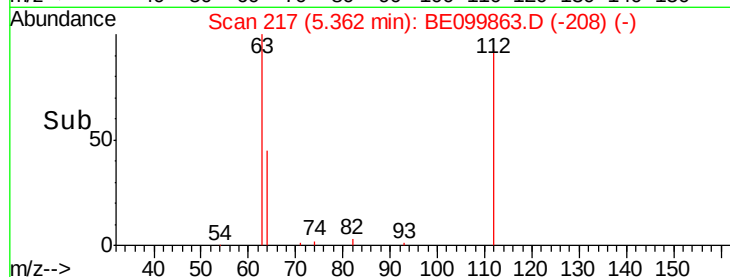
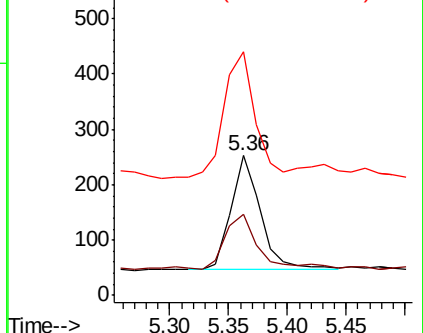
63 118.0 90.7 136.1



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.096 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

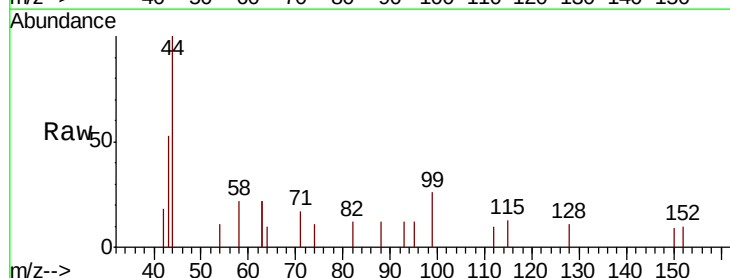
Tgt Ion: 99 Resp: 296

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

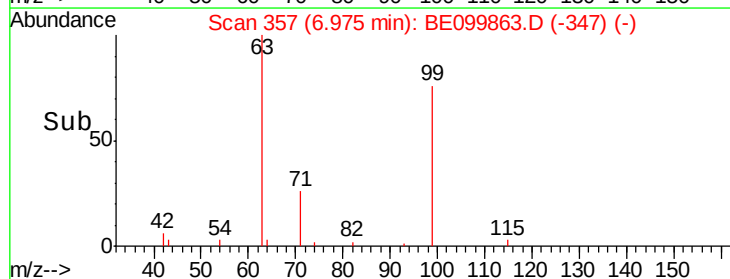
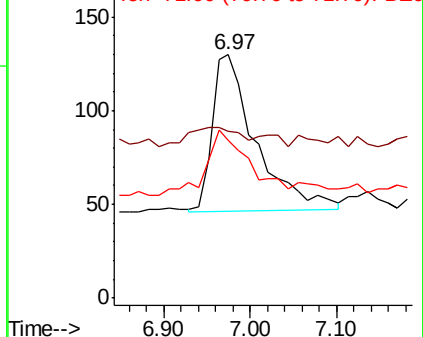
71 0.0 26.1 39.1#

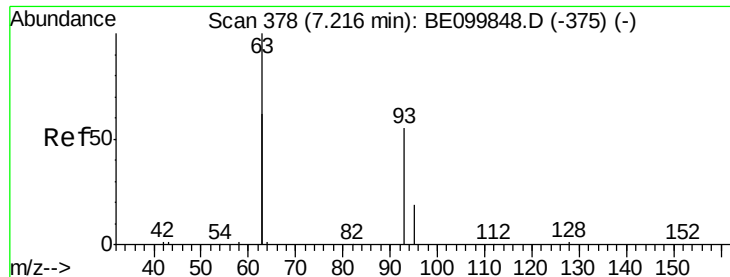


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.24 min Scan# 380

Delta R.T. 0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

Instrument :

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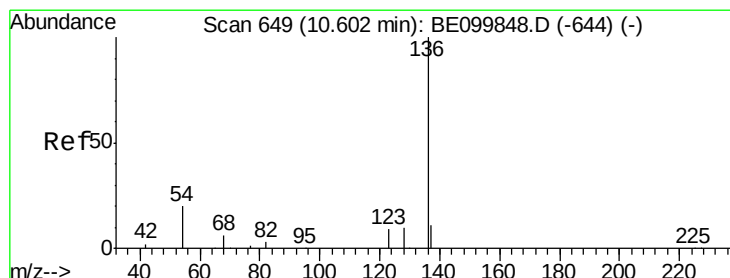
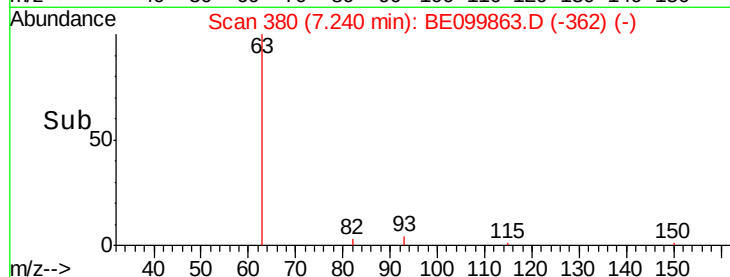
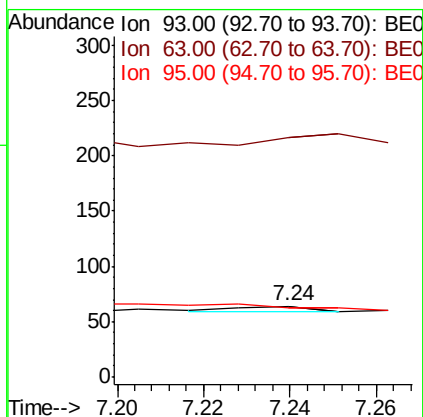
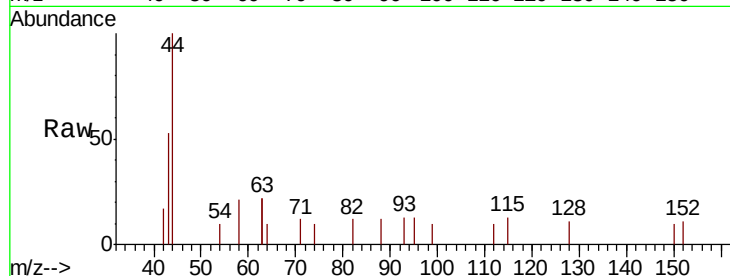
Tgt Ion: 93 Resp: 6

Ion Ratio Lower Upper

93 100

63 416.7 208.8 313.2#

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: BE099863.D

Acq: 7 Jun 2019 21:28

Tgt Ion: 136 Resp: 2465

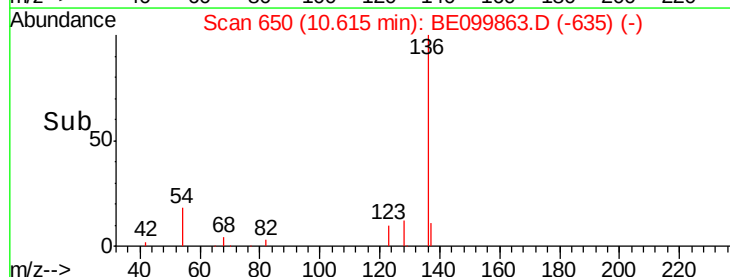
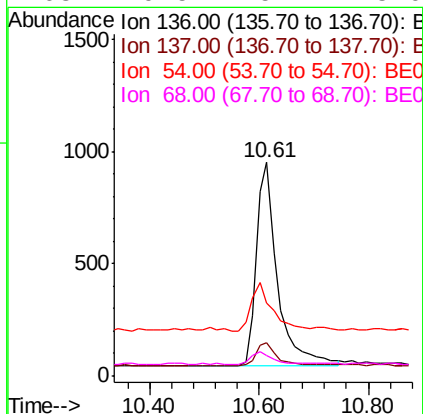
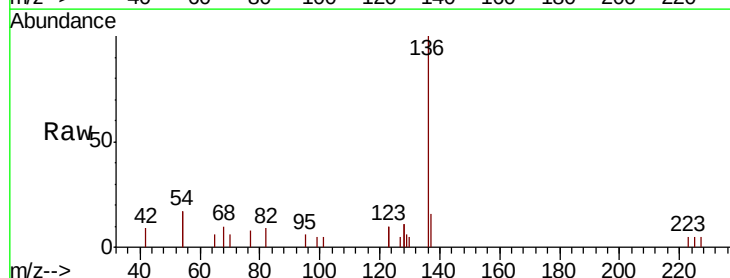
Ion Ratio Lower Upper

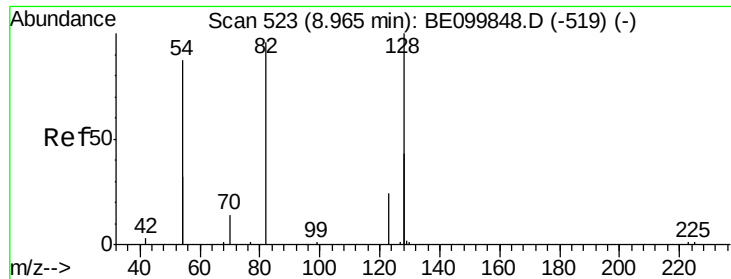
136 100

137 15.6 11.1 16.7

54 34.0 17.9 26.9#

68 9.5 5.4 8.0#





#8

Nitrobenzene-d5

Concen: 0.356 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

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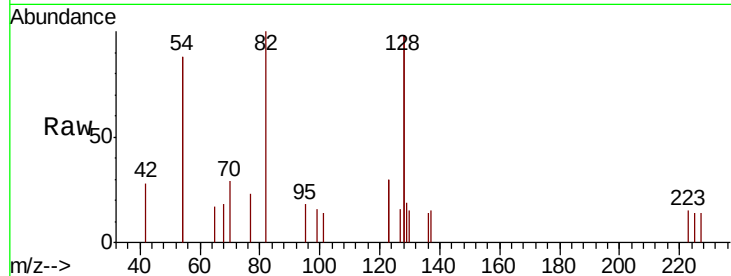
Tgt Ion: 82 Resp: 884

Ion Ratio Lower Upper

82 100

128 196.3 116.6 175.0#

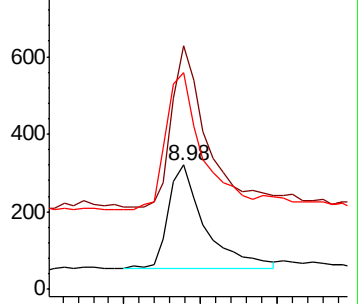
54 175.0 136.2 204.4



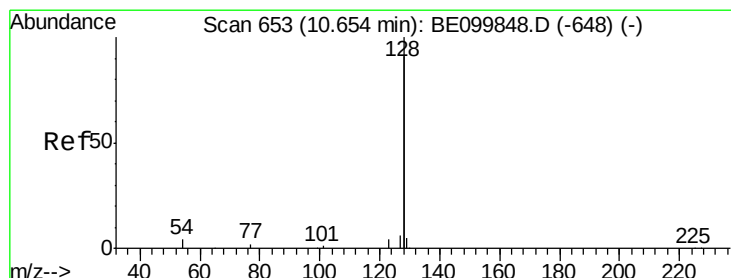
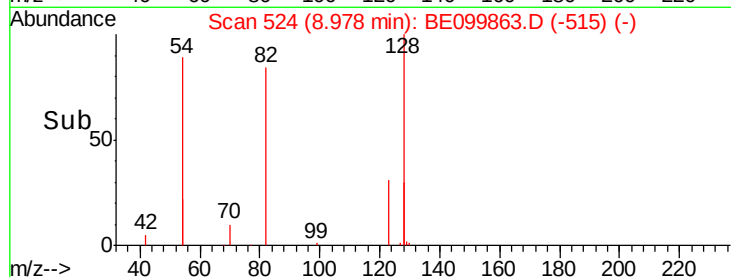
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.004 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

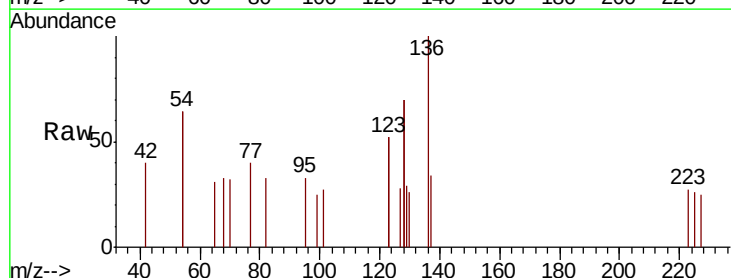
Tgt Ion: 128 Resp: 97

Ion Ratio Lower Upper

128 100

129 20.6 2.6 4.0#

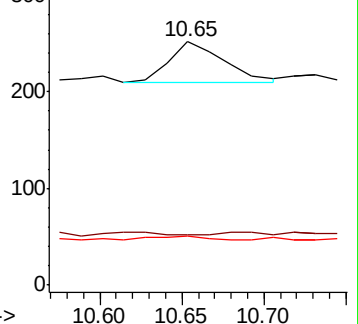
127 19.8 3.0 4.6#



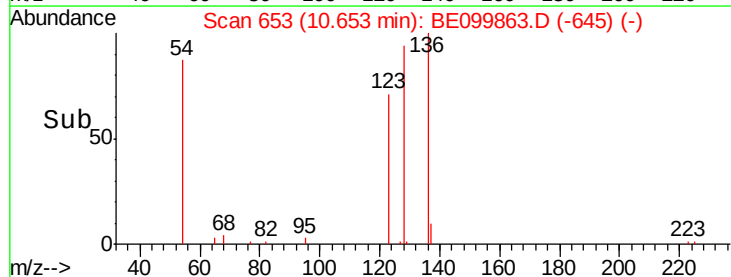
Abundance Ion 128.00 (127.70 to 128.70): E

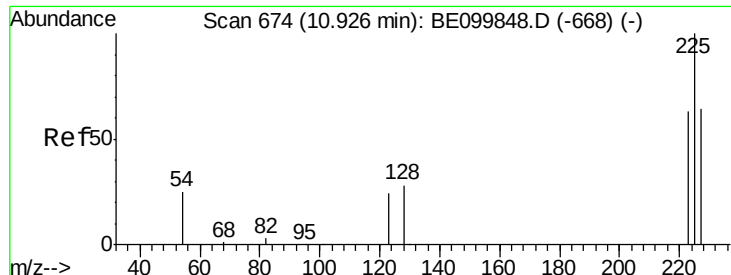
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->

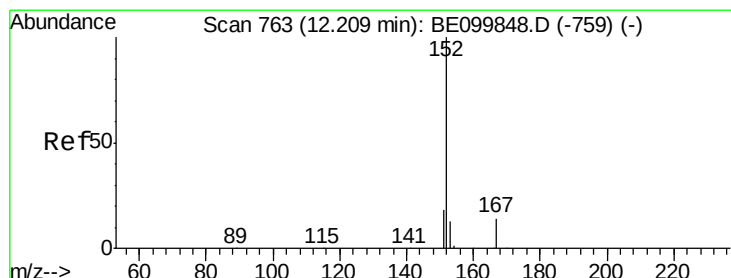
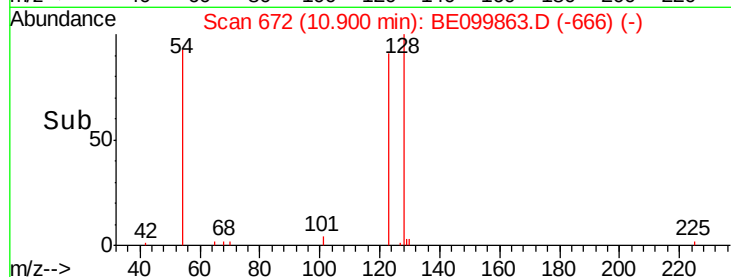
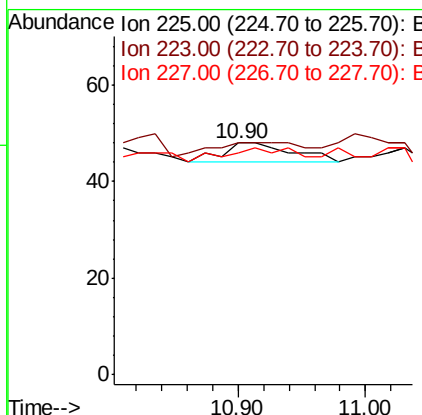
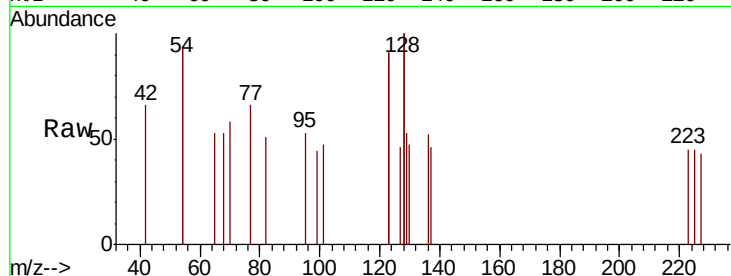




#10
Hexachlorobutadiene
Concen: 0.008 ng
RT: 10.90 min Scan# 672
Delta R.T. -0.03 min
Lab File: BE099863.D
Acq: 7 Jun 2019 21:28

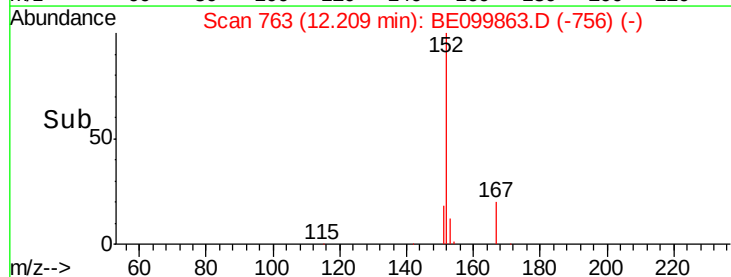
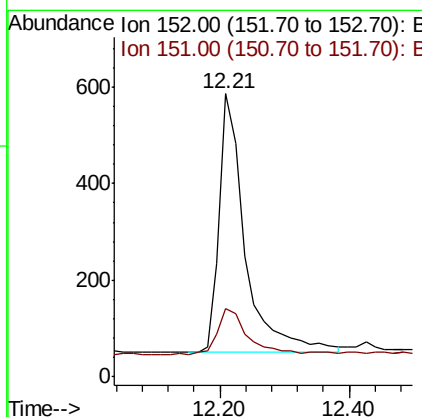
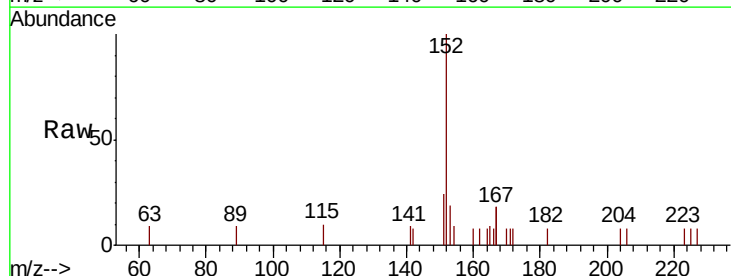
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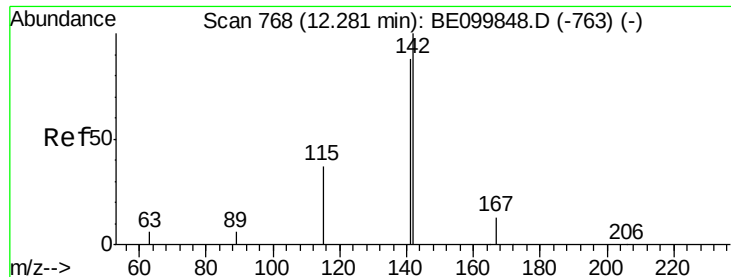
Tgt Ion: 225 Resp: 16
Ion Ratio Lower Upper
225 100
223 56.3 48.6 72.8
227 75.0 51.6 77.4



#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.21 min Scan# 763
Delta R.T. -0.00 min
Lab File: BE099863.D
Acq: 7 Jun 2019 21:28

Tgt Ion: 152 Resp: 1495
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.8

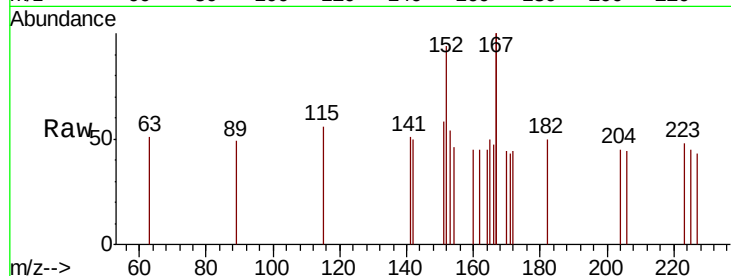




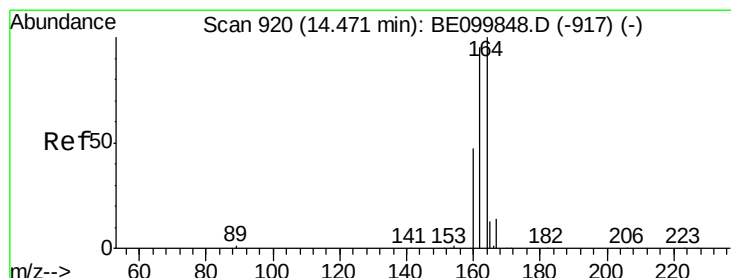
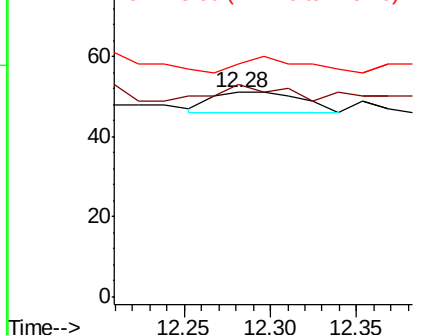
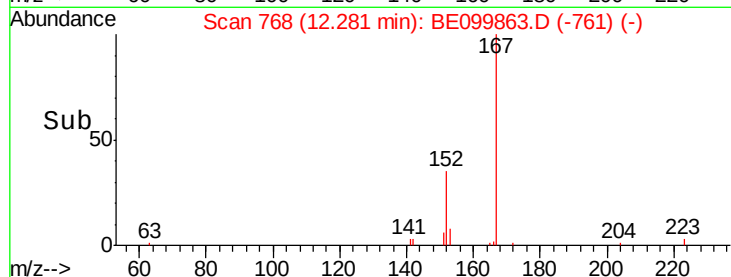
#12
 2-Methylnaphthalene
 Concen: 0.004 ng
 RT: 12.28 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: BE099863.D
 Acq: 7 Jun 2019 21:28

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20190605

Tgt Ion:142 Resp: 18
 Ion Ratio Lower Upper
 142 100
 141 103.9 73.3 109.9
 115 113.7 33.4 50.2#

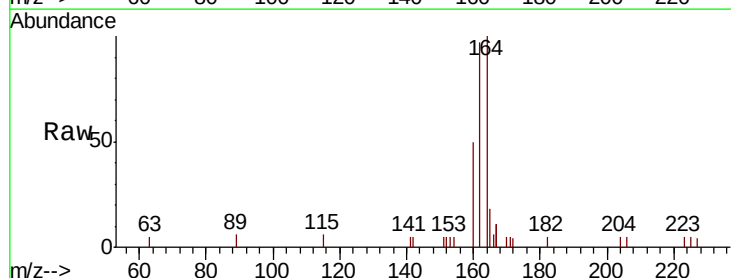


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

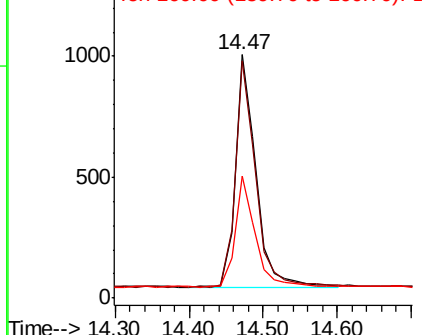
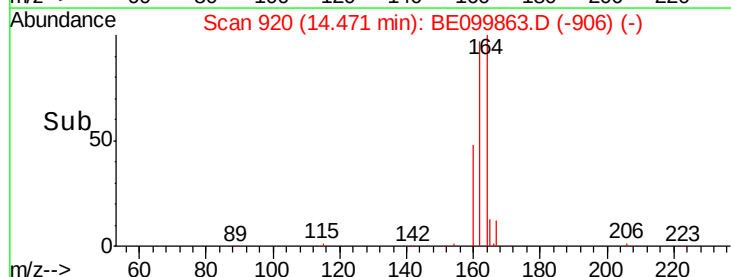


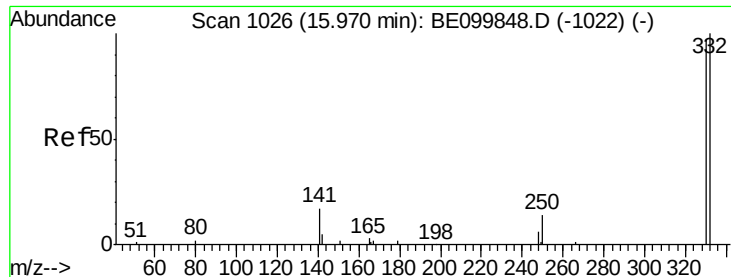
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099863.D
 Acq: 7 Jun 2019 21:28

Tgt Ion:164 Resp: 1850
 Ion Ratio Lower Upper
 164 100
 162 97.4 77.2 115.8
 160 50.0 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

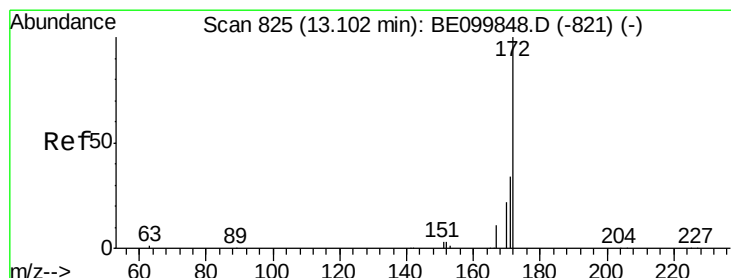
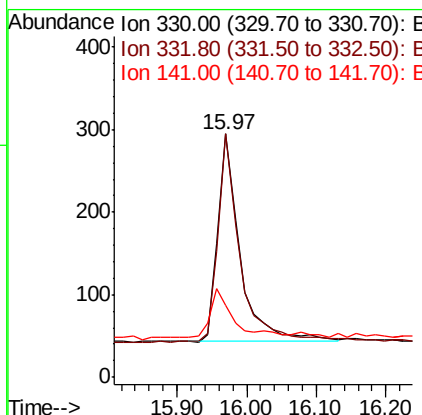
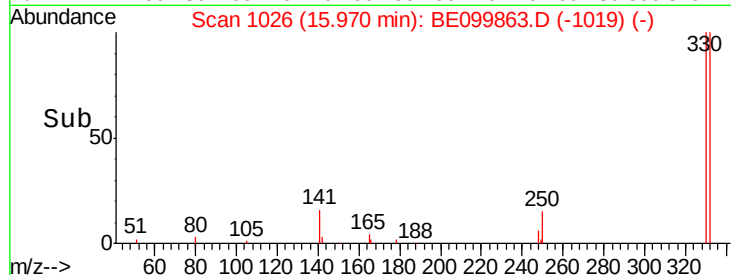
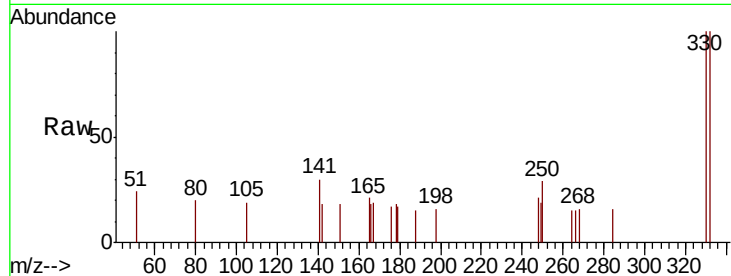




#14
 2,4,6-Tribromophenol
 Concen: 0.300 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099863.D
 Acq: 7 Jun 2019 21:28

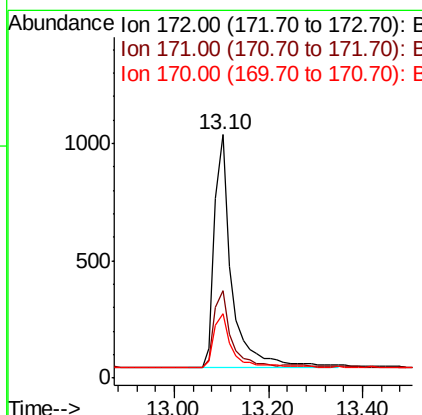
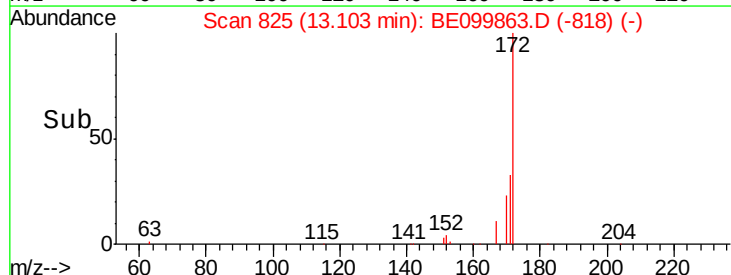
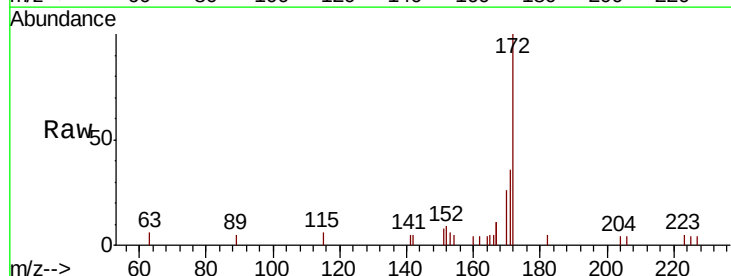
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW314S-20190605

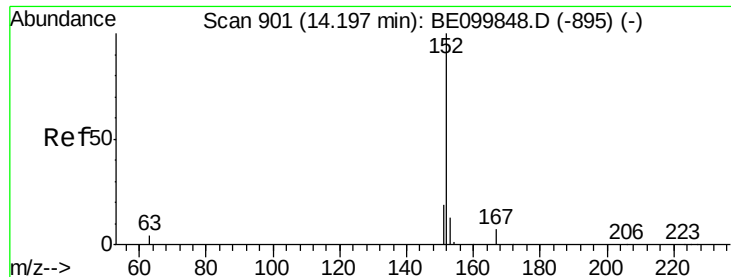
Tgt Ion:330 Resp: 550
 Ion Ratio Lower Upper
 330 100
 332 98.7 74.9 112.3
 141 25.3 16.0 24.0#



#15
 2-Fluorobiphenyl
 Concen: 0.381 ng
 RT: 13.10 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BE099863.D
 Acq: 7 Jun 2019 21:28

Tgt Ion:172 Resp: 2548
 Ion Ratio Lower Upper
 172 100
 171 35.7 30.2 45.4
 170 26.4 20.1 30.1

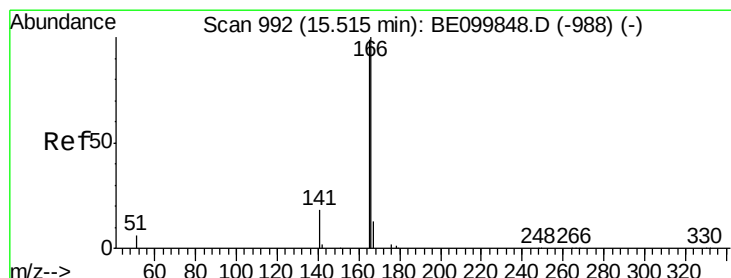
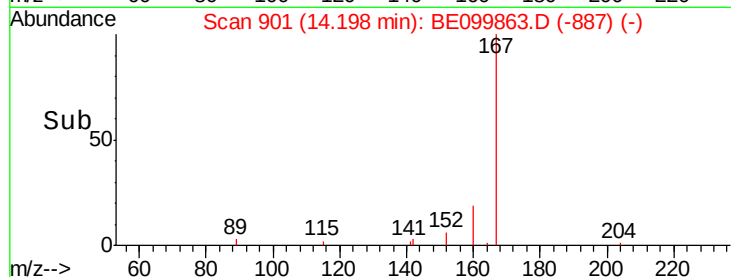
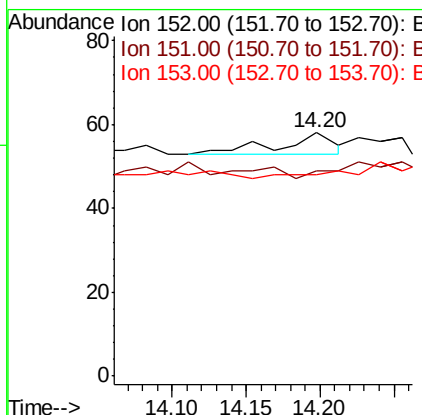
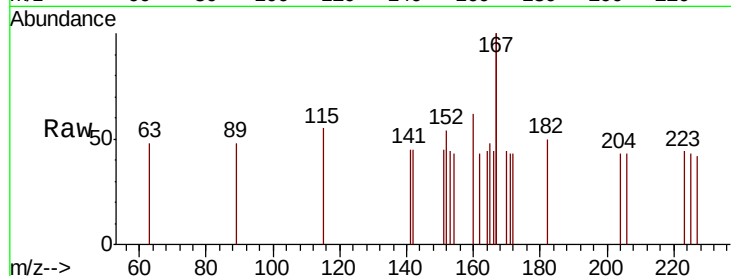




#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE099863.D
Acq: 7 Jun 2019 21:28

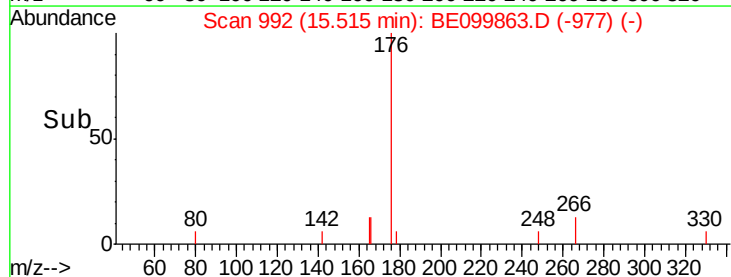
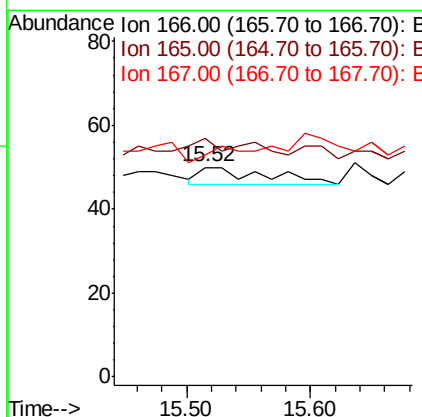
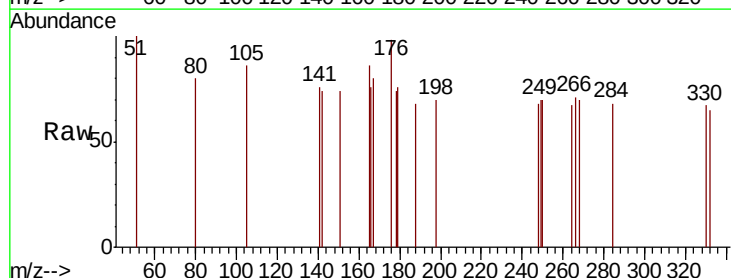
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW314S-20190605

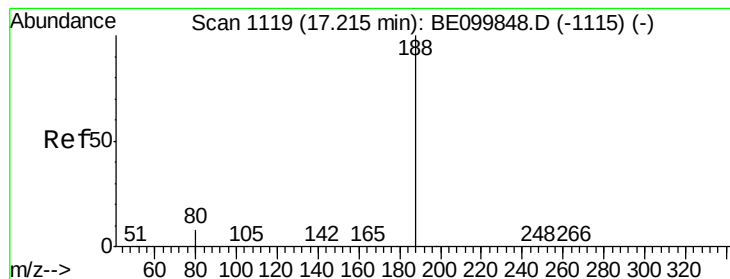
Tgt Ion:152 Resp: 13
Ion Ratio Lower Upper
152 100
151 0.0 15.9 23.9#
153 0.0 10.8 16.2#



#18
Fluorene
Concen: 0.002 ng
RT: 15.52 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE099863.D
Acq: 7 Jun 2019 21:28

Tgt Ion:166 Resp: 14
Ion Ratio Lower Upper
166 100
165 114.3 80.4 120.6
167 71.4 10.7 16.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605

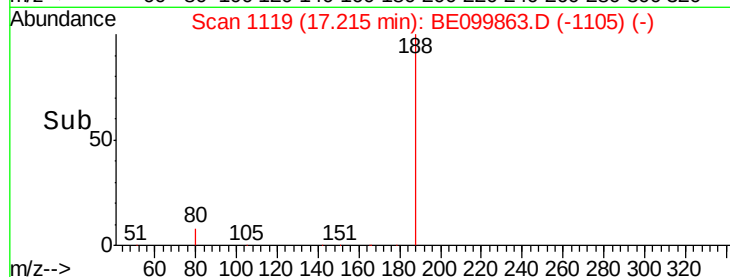
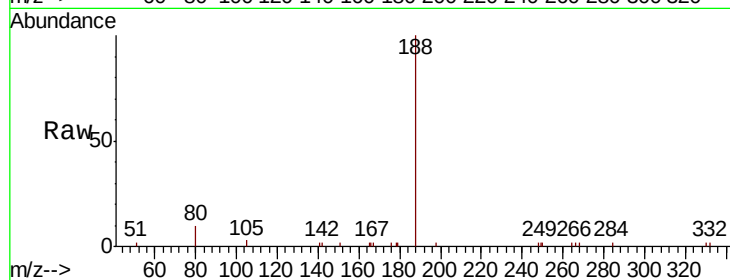
Tgt Ion:188 Resp: 5733

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

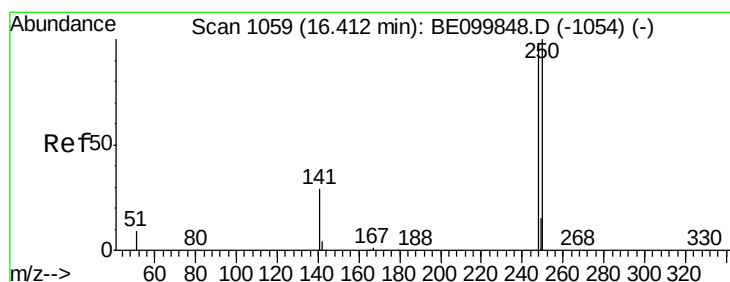
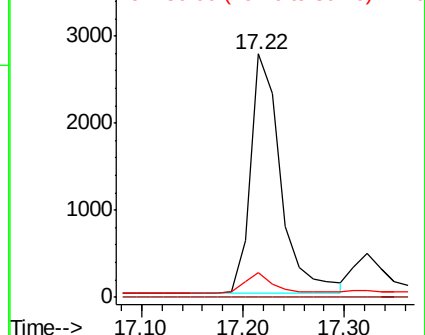
80 10.2 5.2 7.8#



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: 16.41 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

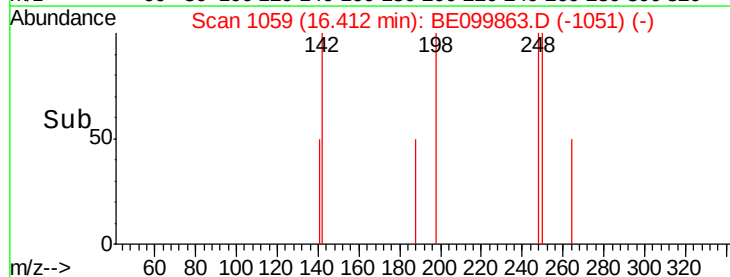
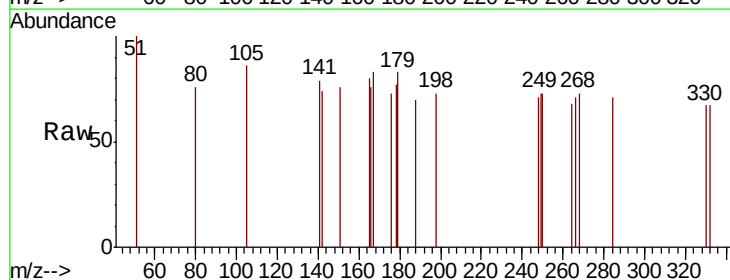
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 102.1 73.7 110.5

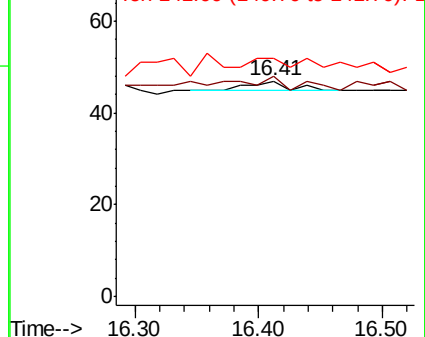
141 110.6 40.9 61.3#

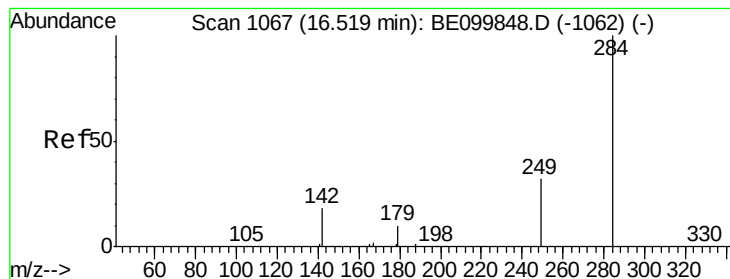


Abundance Ion 248.00 (247.70 to 248.70): E

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: 16.47 min Scan# 1063

Delta R.T. -0.05 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

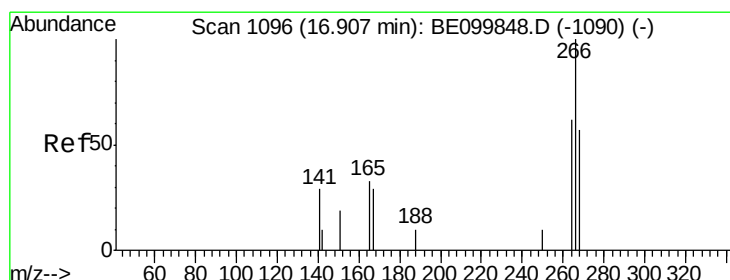
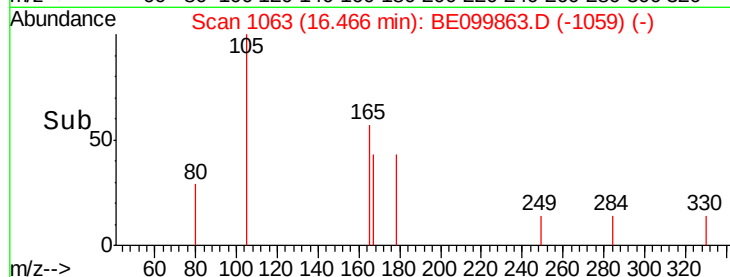
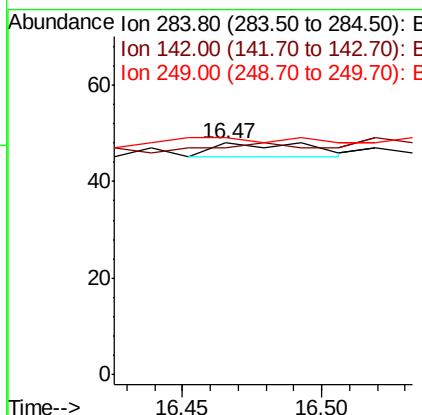
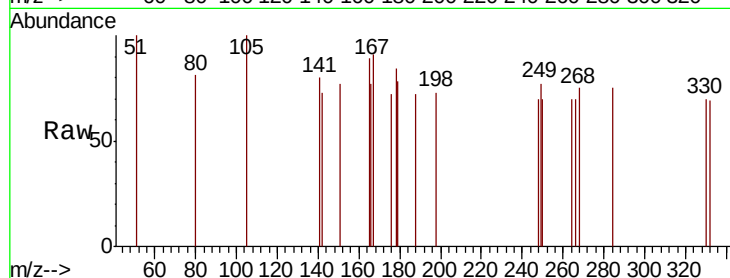
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605

Tgt Ion:	284	Resp:	7
Ion	Ratio	Lower	Upper
284	100		
142	0.0	16.2	24.4#
249	71.4	23.1	34.7#



#22

Pentachlorophenol

Concen: 0.252 ng

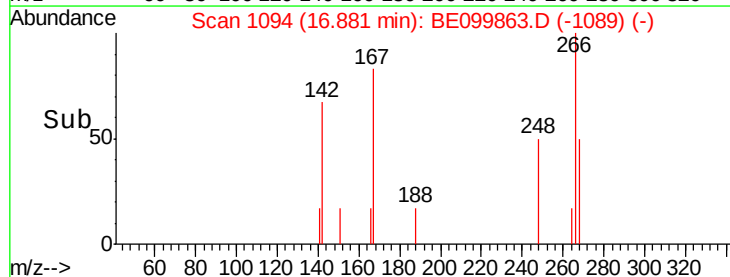
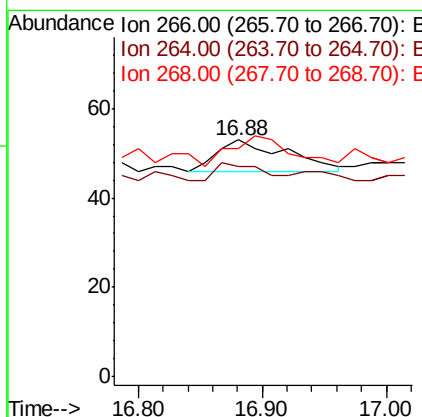
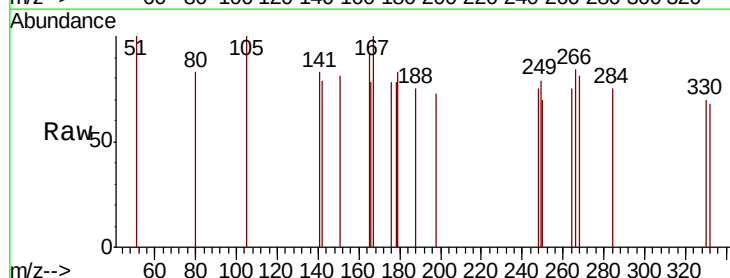
RT: 16.88 min Scan# 1094

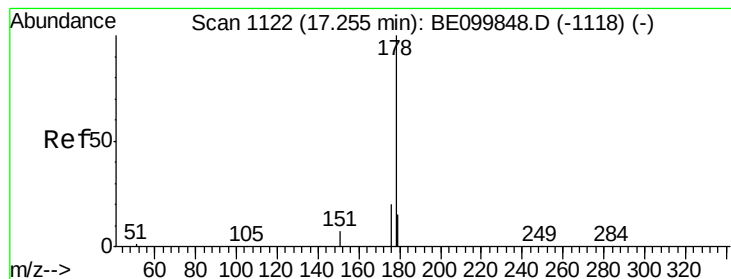
Delta R.T. -0.04 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

Tgt Ion:	266	Resp:	27
Ion	Ratio	Lower	Upper
266	100		
264	88.7	64.9	97.3
268	96.2	64.0	96.0#





#23

Phenanthrene

Concen: 0.004 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605

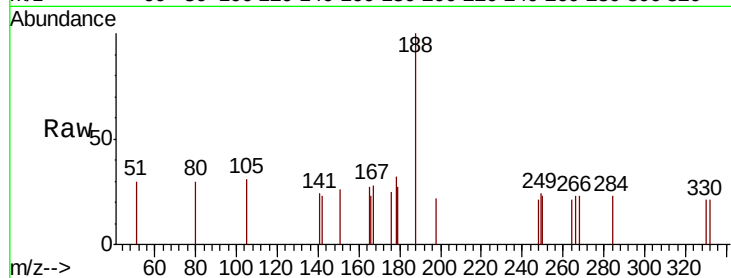
Tgt Ion:178 Resp: 53

Ion Ratio Lower Upper

178 100

176 35.8 15.4 23.0#

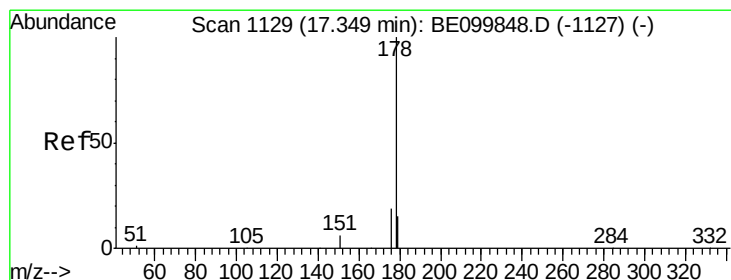
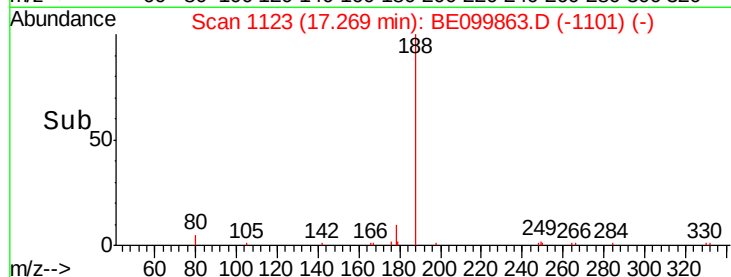
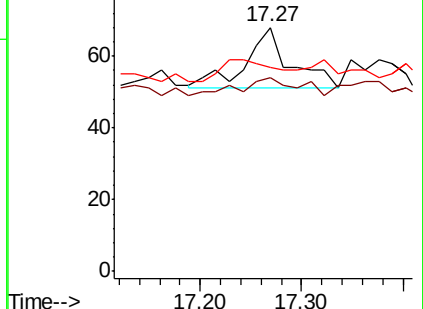
179 0.0 12.5 18.7#



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: 0.002 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

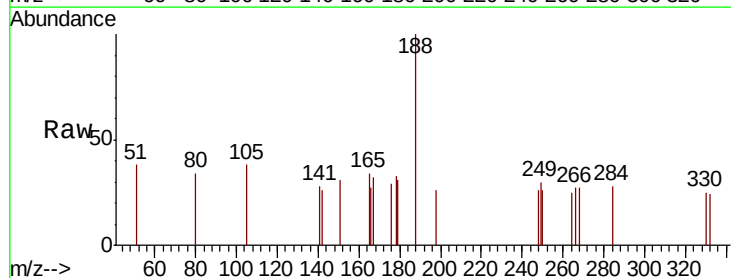
Tgt Ion:178 Resp: 28

Ion Ratio Lower Upper

178 100

176 57.1 15.1 22.7#

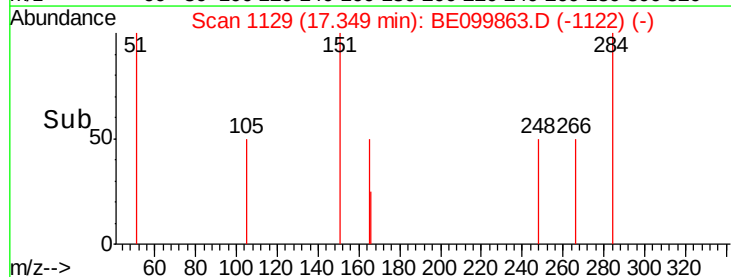
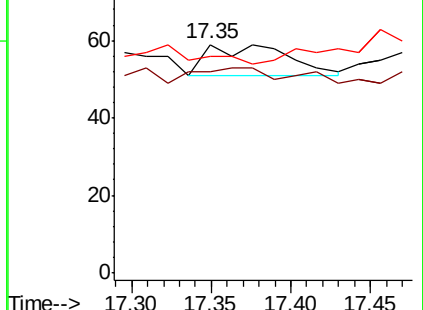
179 0.0 12.1 18.1#

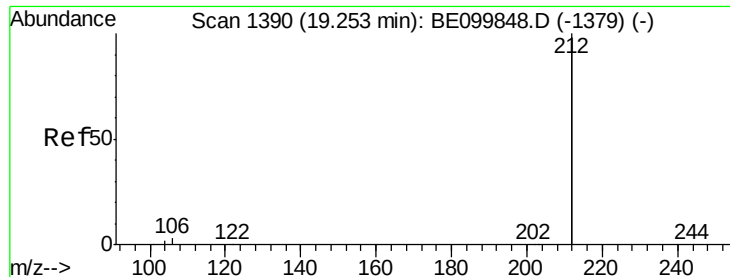


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.369 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605

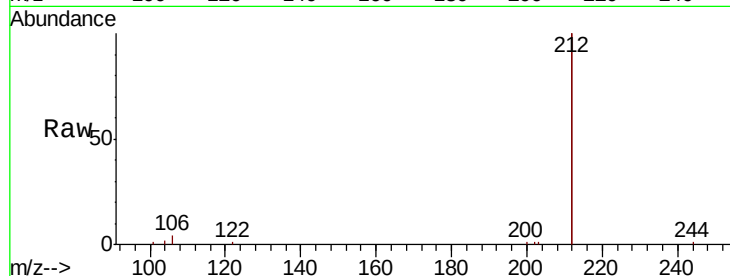
Tgt Ion:212 Resp: 32754

Ion Ratio Lower Upper

212 100

106 1.7 1.4 2.0

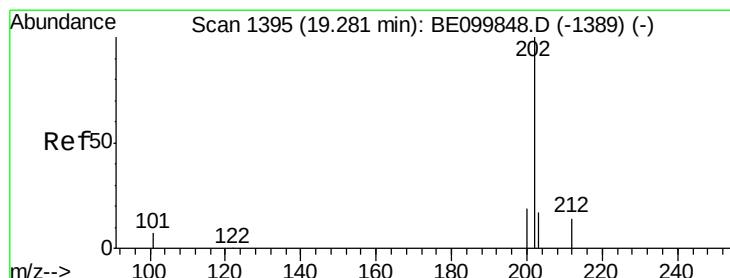
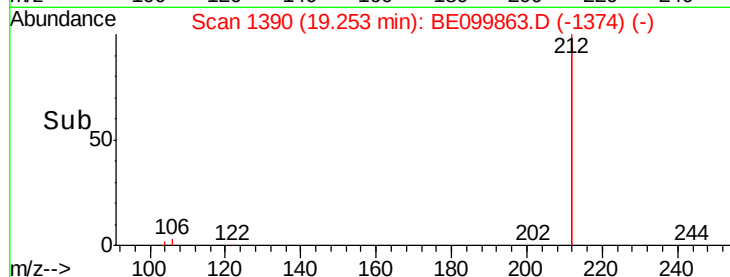
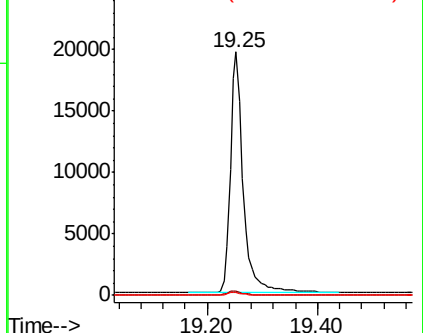
104 1.0 0.8 1.2



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: 0.003 ng

RT: 19.28 min Scan# 1395

Delta R.T. -0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

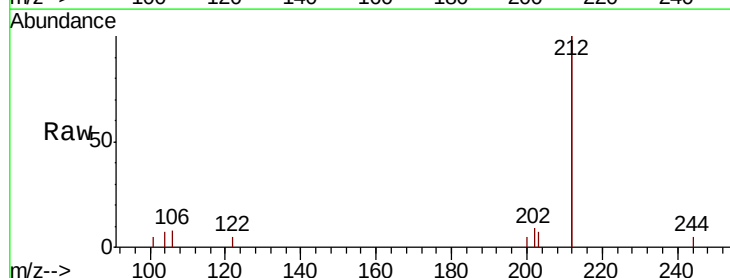
Tgt Ion:202 Resp: 84

Ion Ratio Lower Upper

202 100

101 17.9 5.2 7.8#

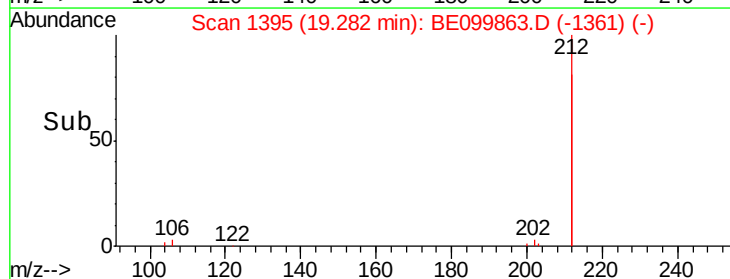
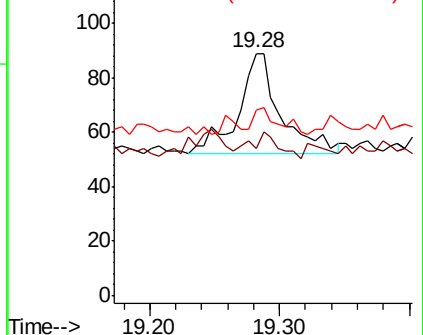
203 15.5 13.6 20.4

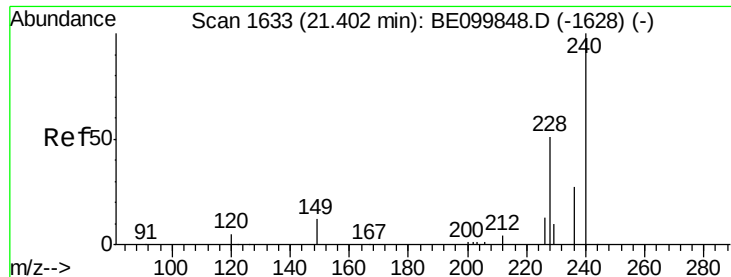


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE099863.D

Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605

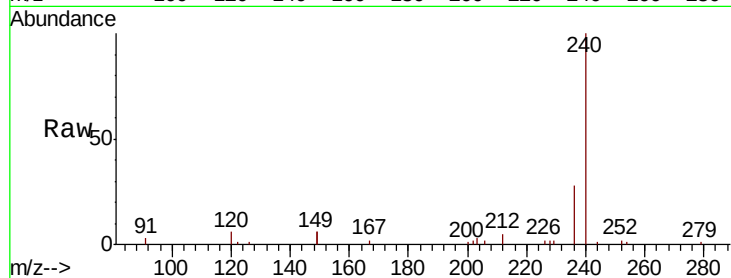
Tgt Ion:240 Resp: 9630

Ion Ratio Lower Upper

240 100

120 5.7 2.8 4.2#

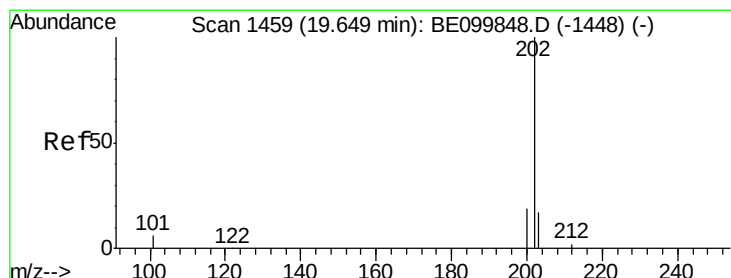
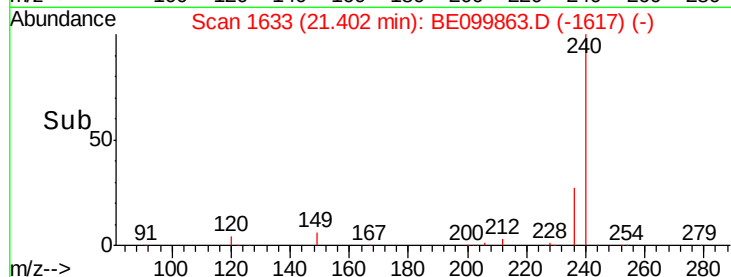
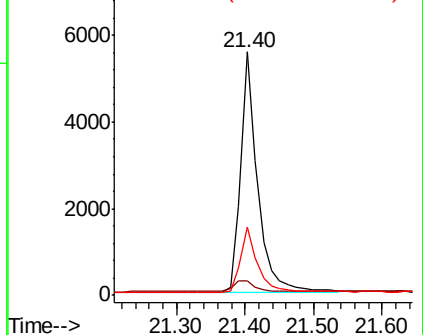
236 28.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.003 ng

RT: 19.64 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

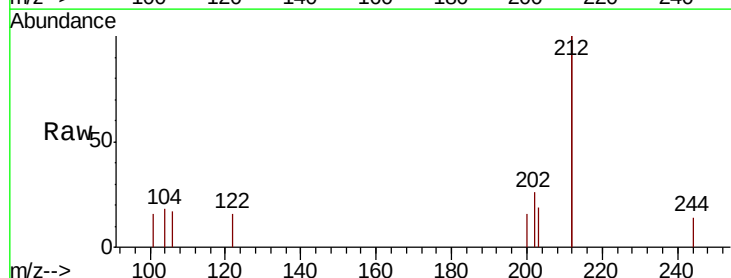
Tgt Ion:202 Resp: 83

Ion Ratio Lower Upper

202 100

200 21.7 15.6 23.4

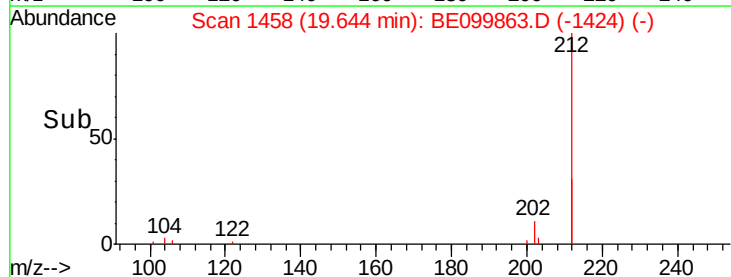
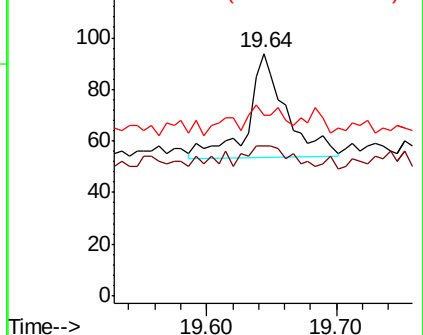
203 22.9 14.1 21.1#

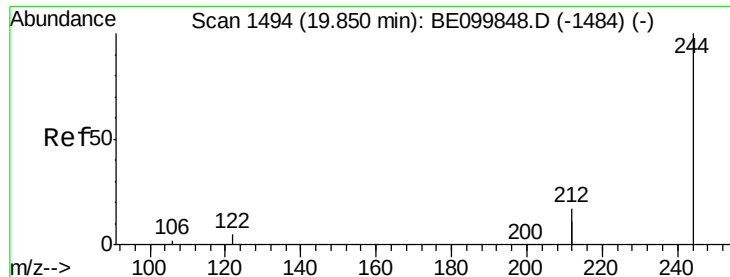


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.416 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605

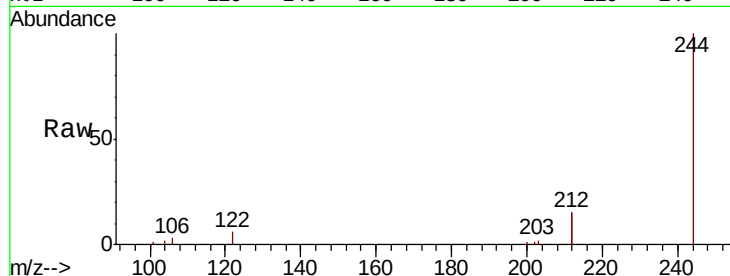
Tgt Ion:244 Resp: 7478

Ion Ratio Lower Upper

244 100

212 30.8 23.7 35.5

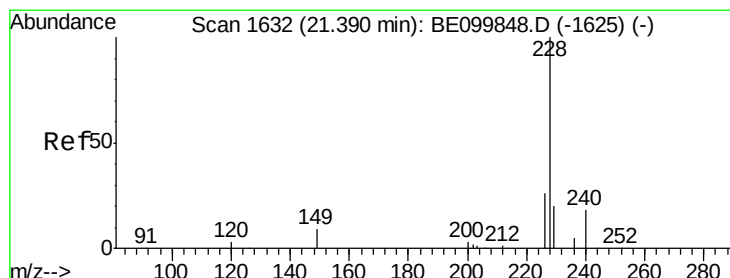
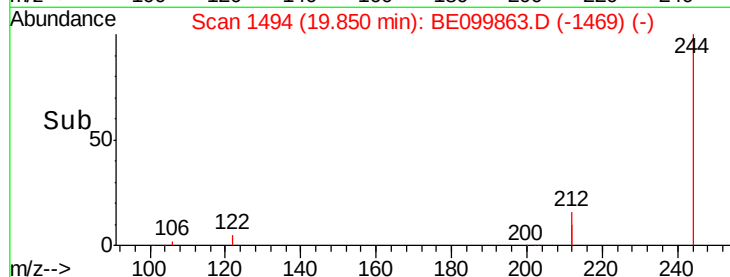
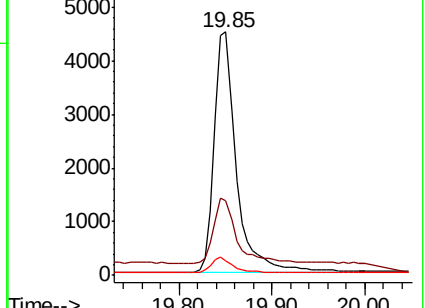
122 6.0 4.8 7.2



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: 0.003 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

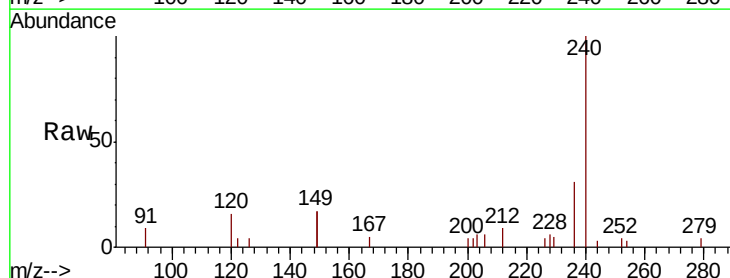
Tgt Ion:228 Resp: 104

Ion Ratio Lower Upper

228 100

226 75.2 21.6 32.4#

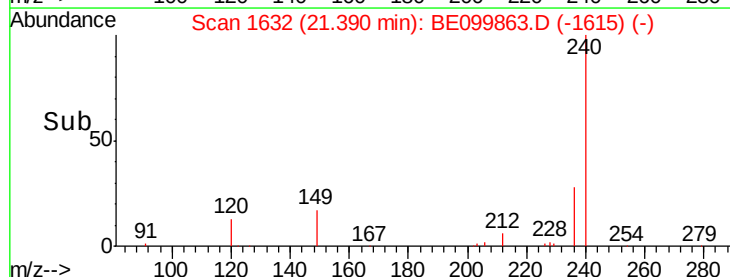
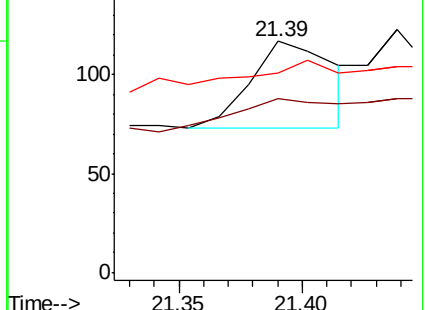
229 86.3 15.8 23.6#

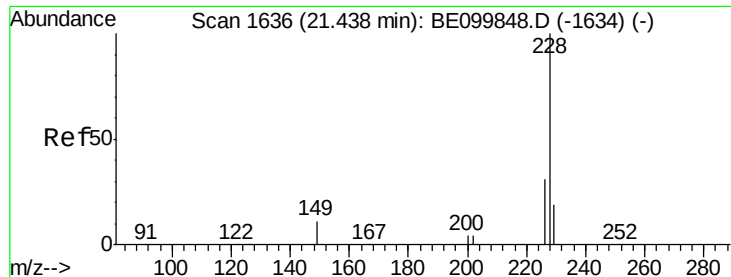


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.003 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.06 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605

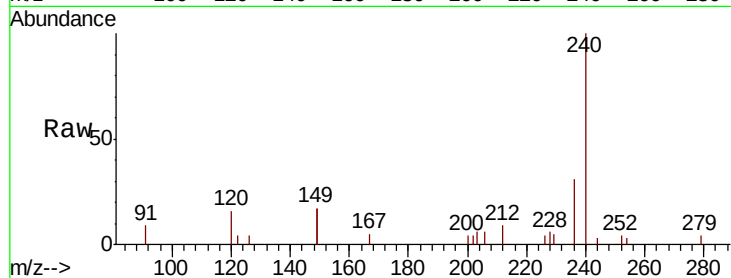
Tgt Ion:228 Resp: 82

Ion Ratio Lower Upper

228 100

226 75.2 22.9 34.3#

229 86.3 16.4 24.6#

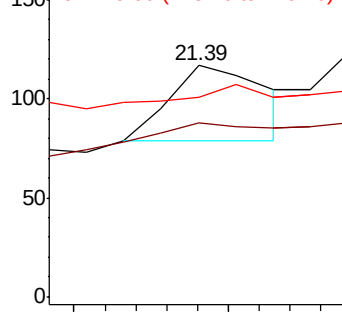


Abundance

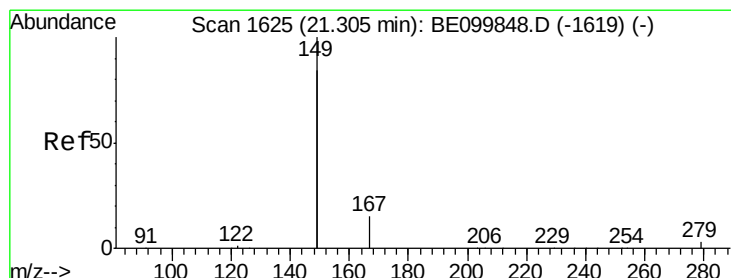
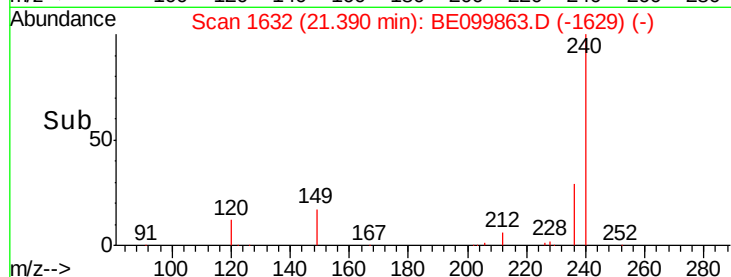
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

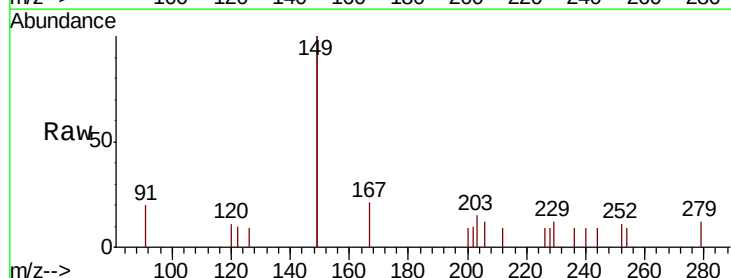
Tgt Ion:149 Resp: 1495

Ion Ratio Lower Upper

149 100

167 7.6 6.0 9.0

279 3.9 1.2 1.8#

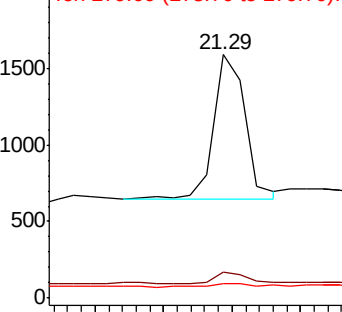


Abundance

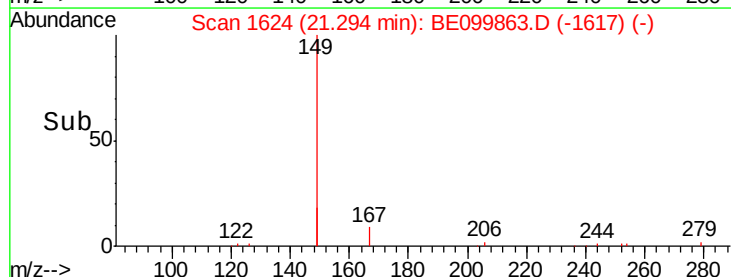
Ion 149.00 (148.70 to 149.70): E

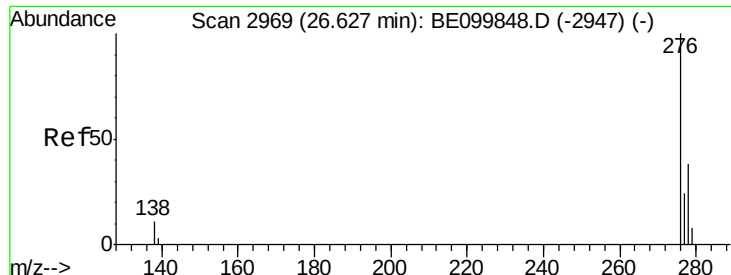
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.60 min Scan# 2961

Delta R.T. -0.03 min

Lab File: BE099863.D

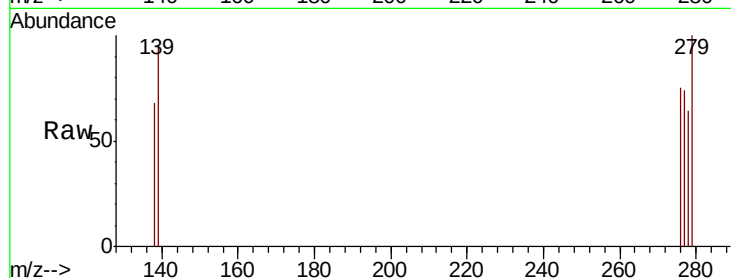
Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605



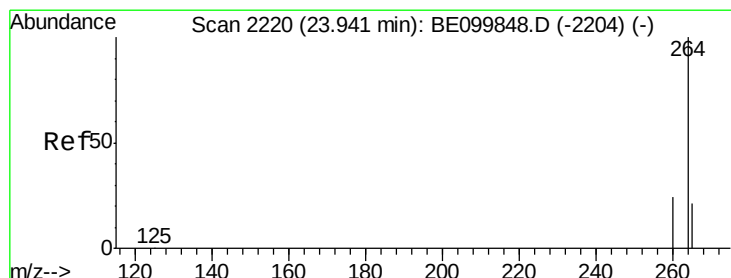
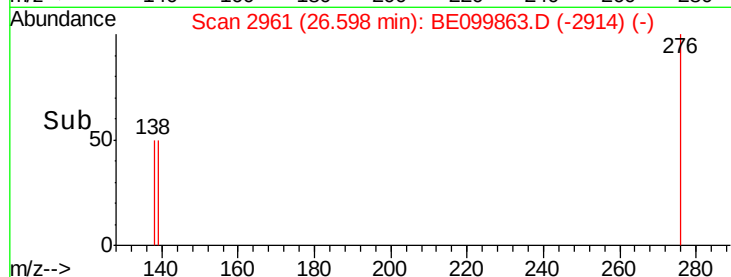
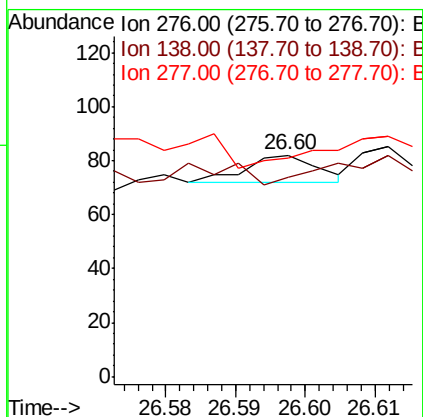
Tgt Ion:276 Resp: 7

Ion Ratio Lower Upper

276 100

138 185.7 10.3 15.5#

277 100.0 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: BE099863.D

Acq: 7 Jun 2019 21:28

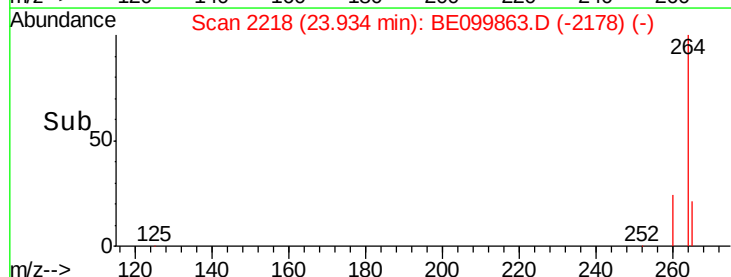
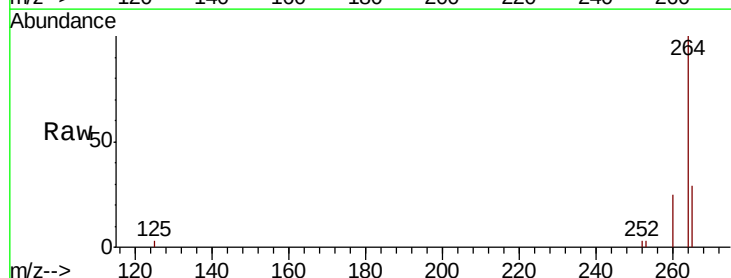
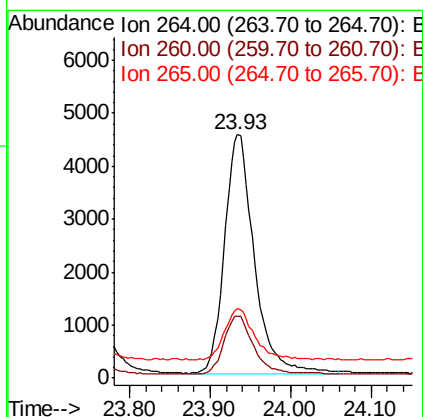
Tgt Ion:264 Resp: 11494

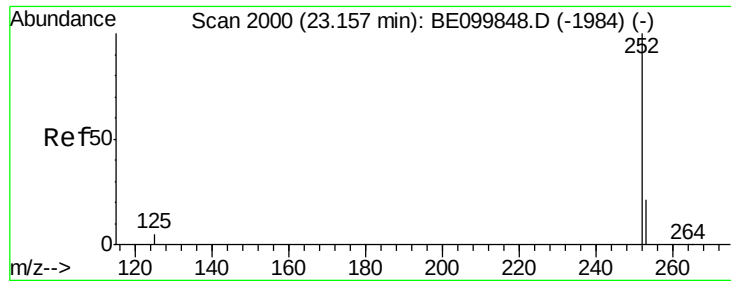
Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

265 28.5 20.7 31.1





#35

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605

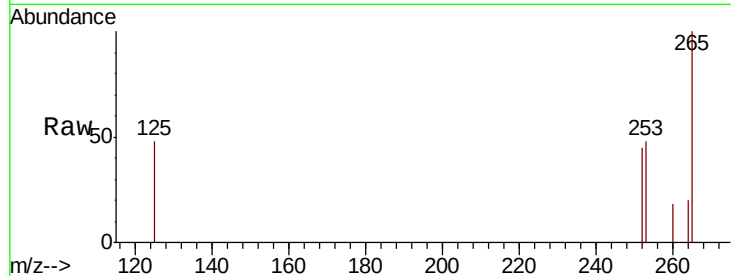
Tgt Ion:252 Resp: 95

Ion Ratio Lower Upper

252 100

253 105.8 18.9 28.3#

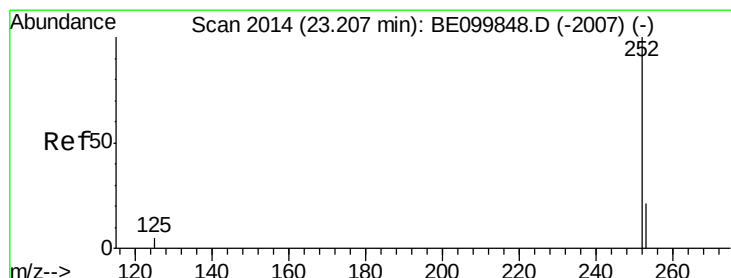
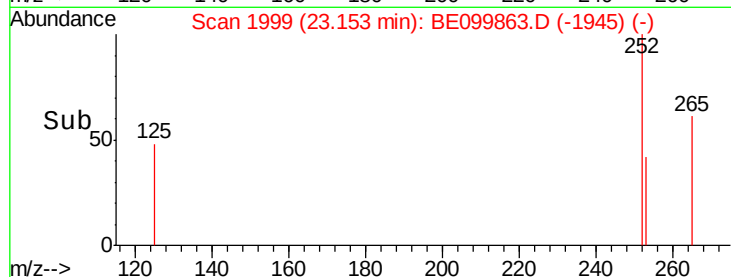
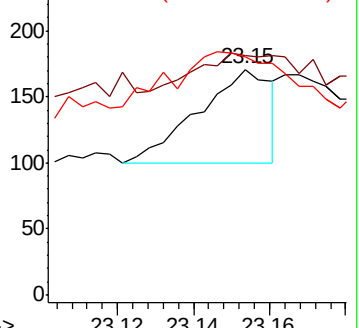
125 105.3 7.6 11.4#



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: 0.003 ng

RT: 23.15 min Scan# 1999

Delta R.T. -0.06 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

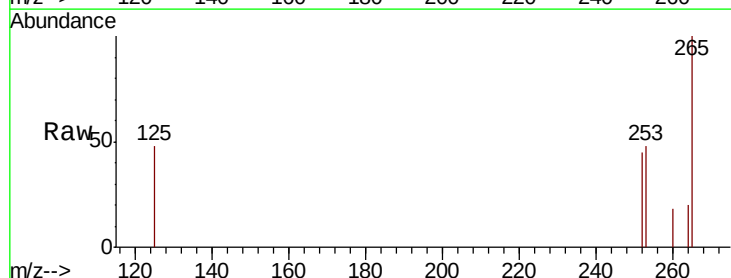
Tgt Ion:252 Resp: 95

Ion Ratio Lower Upper

252 100

253 105.8 18.4 27.6#

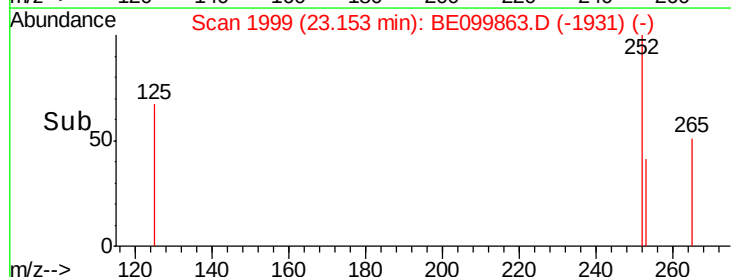
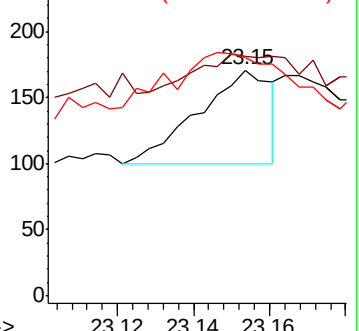
125 105.3 4.6 7.0#

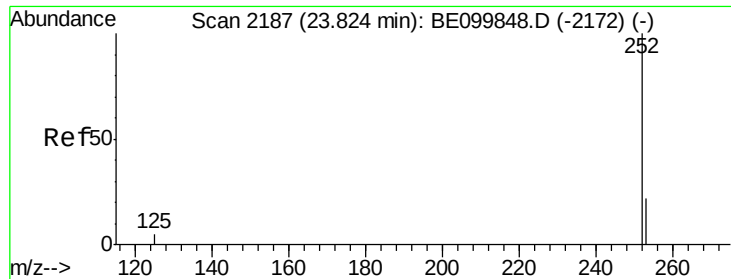


Abundance Ion 252.00 (251.70 to 252.70): E

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# 2185

Delta R.T. -0.01 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605

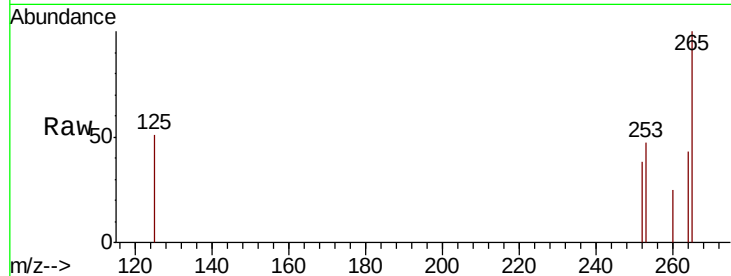
Tgt Ion: 252 Resp: 68

Ion Ratio Lower Upper

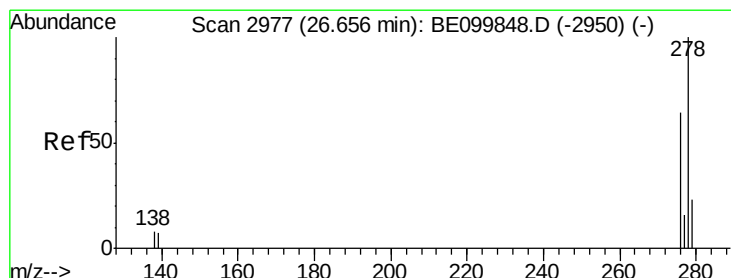
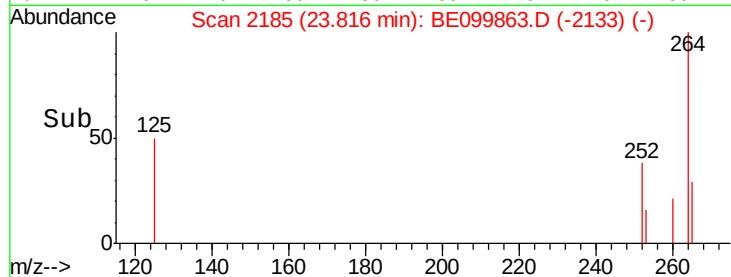
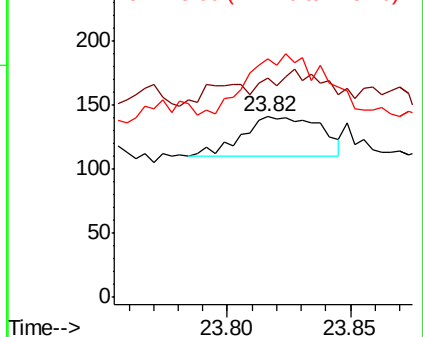
252 100

253 121.3 19.3 28.9#

125 131.9 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: 26.66 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BE099863.D

Acq: 7 Jun 2019 21:28

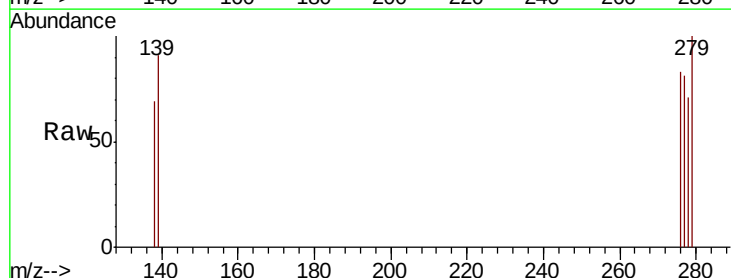
Tgt Ion: 278 Resp: 7

Ion Ratio Lower Upper

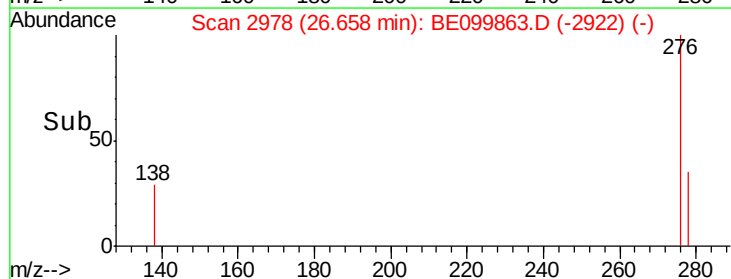
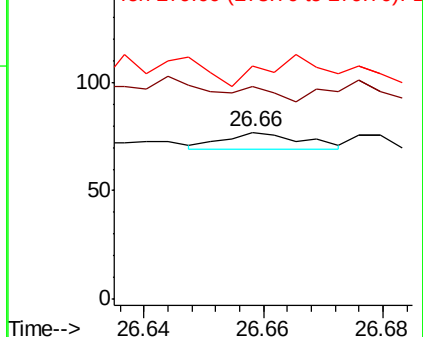
278 100

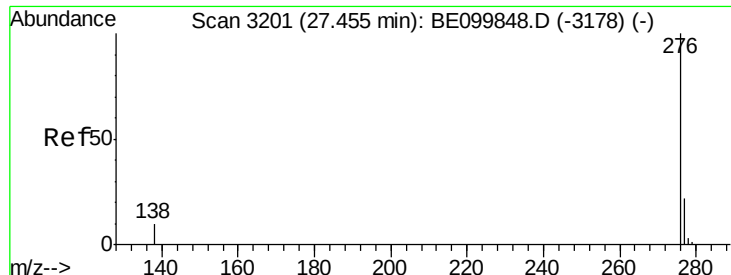
139 127.3 7.9 11.9#

279 140.3 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# 3200

Delta R.T. -0.01 min

Lab File: BE099863.D

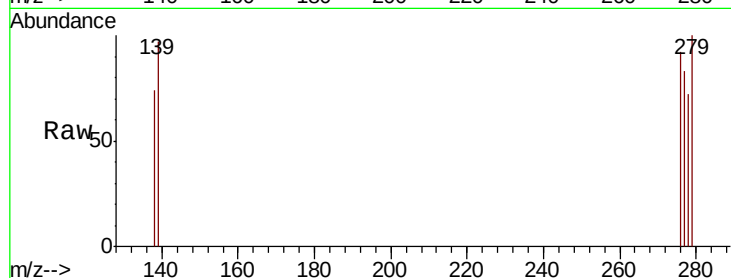
Acq: 7 Jun 2019 21:28

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW314S-20190605



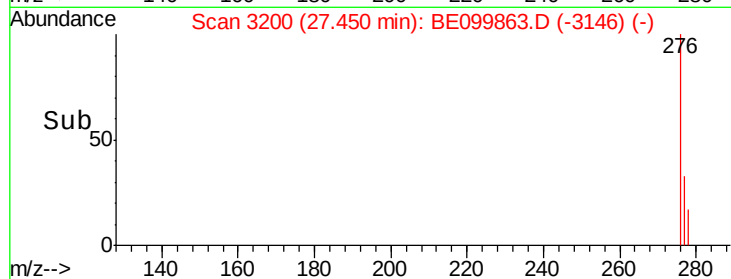
Tgt Ion: 276 Resp: 32

Ion Ratio Lower Upper

276 100

277 90.1 19.6 29.4#

138 80.2 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

27.45

Time-->