

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE060719\
 Data File : BE099865.D
 Acq On : 7 Jun 2019 22:43
 Operator : JU/SJ
 Sample : K3221-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190605

Quant Time: Jun 08 04:34:08 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	676	0.40	ng	-0.01
7) Naphthalene-d8	10.61	136	2278	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	1728	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	5412	0.40	ng	-0.01
27) Chrysene-d12	21.40	240	10092	0.40	ng	-0.01
34) Perylene-d12	23.93	264	12268	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.36	112	297	0.13	ng	0.00
5) Phenol-d6	6.98	99	231	0.08	ng	0.01
8) Nitrobenzene-d5	8.98	82	704	0.31	ng	0.01
11) 2-Methylnaphthalene-d10	12.22	152	1253	0.30	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	480	0.28	ng	-0.01
15) 2-Fluorobiphenyl	13.10	172	2146	0.34	ng	0.00
25) Fluoranthene-d10	19.25	212	30890	0.37	ng	0.00
29) Terphenyl-d14	19.85	244	7108	0.38	ng	0.00

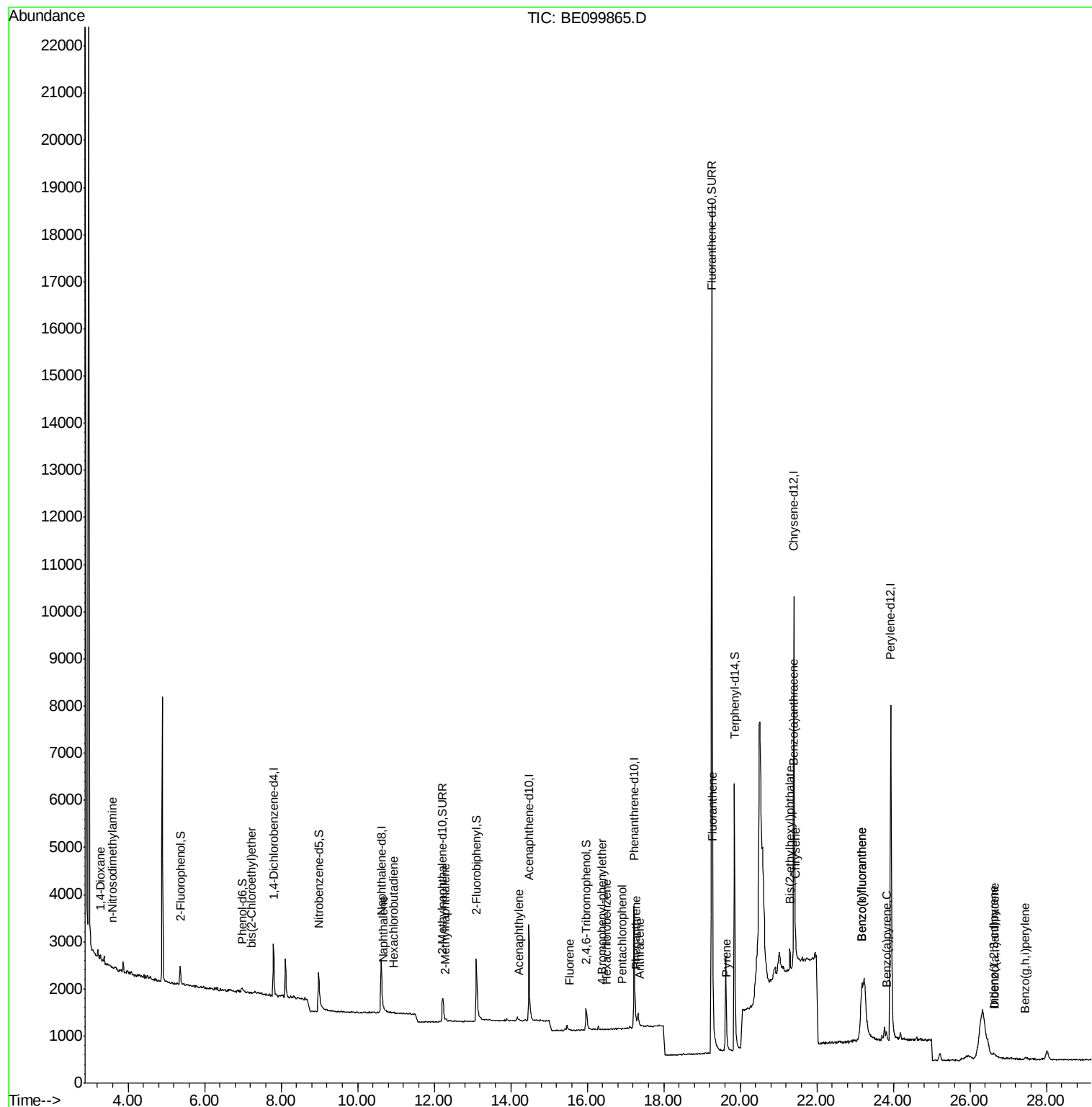
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.28	88	67	0.051	ng	# 4
3) n-Nitrosodimethylamine	3.58	42	23	0.036	ng	# 1
6) bis(2-Chloroethyl)ether	7.22	93	10	0.005	ng	# 1
9) Naphthalene	10.68	128	86	0.003	ng	# 48
10) Hexachlorobutadiene	10.93	225	6	0.003	ng	# 1
12) 2-Methylnaphthalene	12.30	142	10	0.002	ng	# 56
16) Acenaphthylene	14.23	152	35	0.004	ng	# 64
18) Fluorene	15.53	166	18	0.003	ng	# 59
20) 4-Bromophenyl-phenylether	16.39	248	4	0.001	ng	# 67
21) Hexachlorobenzene	16.49	284	3	0.001	ng	# 40
22) Pentachlorophenol	16.92	266	10	0.237	ng	# 87
23) Phenanthrene	17.27	178	129	0.010	ng	# 72
24) Anthracene	17.36	178	23	0.002	ng	# 43
26) Fluoranthene	19.28	202	328	0.014	ng	# 98
28) Pyrene	19.64	202	293	0.011	ng	# 91
30) Benzo(a)anthracene	21.39	228	275	0.009	ng	# 37
31) Chrysene	21.44	228	234	0.007	ng	# 35
32) Bis(2-ethylhexyl)phthalate	21.29	149	727	0.014	ng	# 88
33) Indeno(1,2,3-cd)pyrene	26.62	276	68	0.002	ng	# 68
35) Benzo(b)fluoranthene	23.17	252	396	0.012	ng	# 1
36) Benzo(k)fluoranthene	23.17	252	396	0.012	ng	# 1
37) Benzo(a)pyrene	23.82	252	197	0.006	ng	# 1
38) Dibenzo(a,h)anthracene	26.65	278	3	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.45	276	53	0.002	ng	# 1

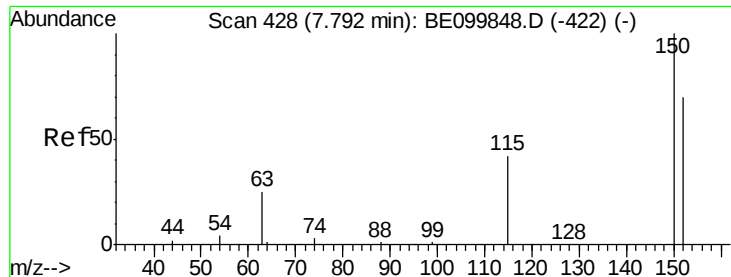
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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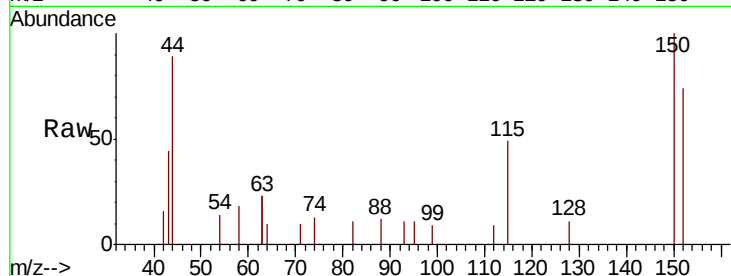


#1

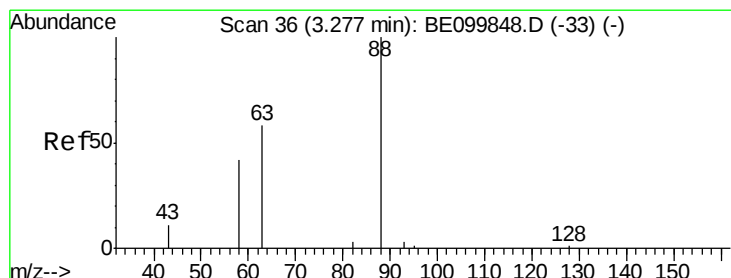
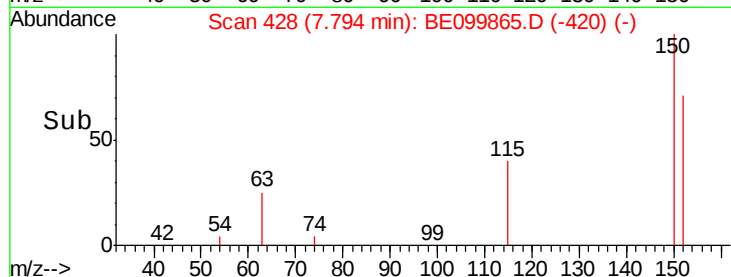
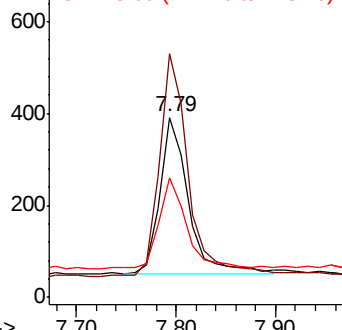
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.01 min
Lab File: BE099865.D
Acq: 7 Jun 2019 22:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190605

Tgt Ion: 152 Resp: 676
Ion Ratio Lower Upper
152 100
150 135.5 112.8 169.2
115 66.8 47.6 71.4



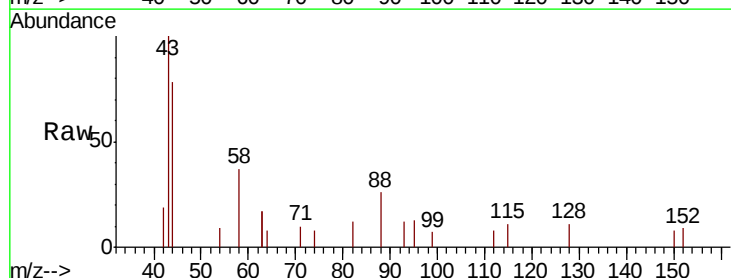
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



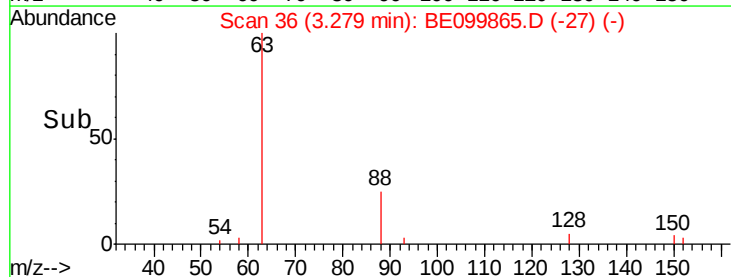
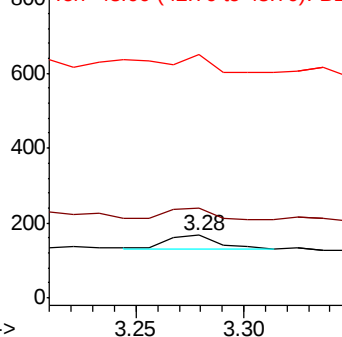
#2

1,4-Dioxane
Concen: 0.051 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.00 min
Lab File: BE099865.D
Acq: 7 Jun 2019 22:43

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
58 71.6 47.3 70.9#
43 168.7 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: 0.036 ng

RT: 3.58 min Scan# 62

Delta R.T. -0.03 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

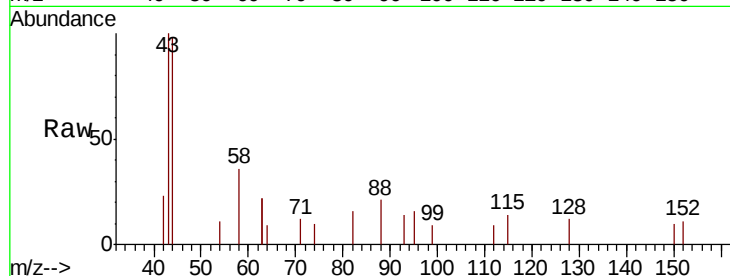
Tgt Ion: 42 Resp: 23

Ion Ratio Lower Upper

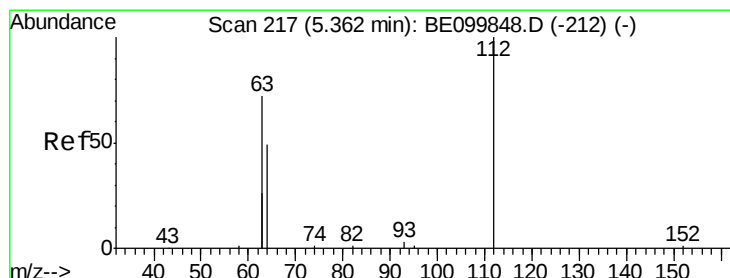
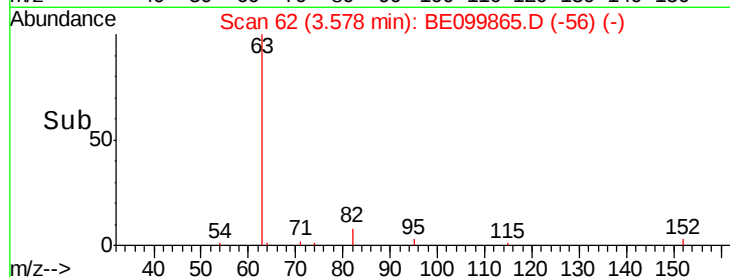
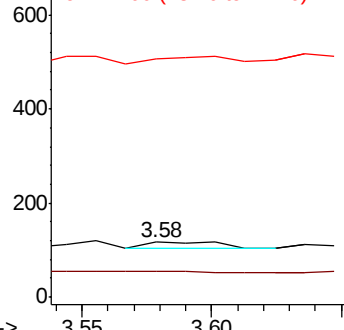
42 100

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: 0.131 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.00 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

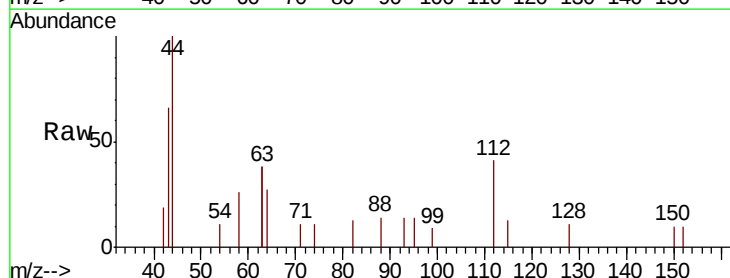
Tgt Ion: 112 Resp: 297

Ion Ratio Lower Upper

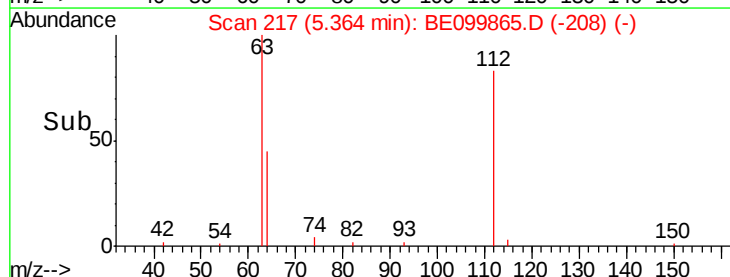
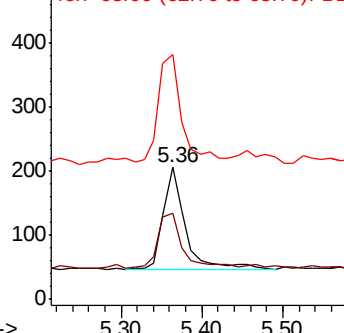
112 100

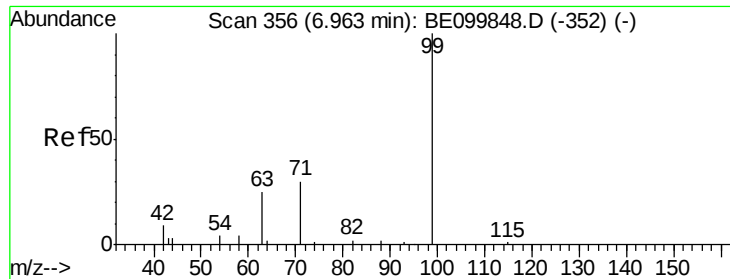
64 59.3 47.2 70.8

63 111.8 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: 0.083 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

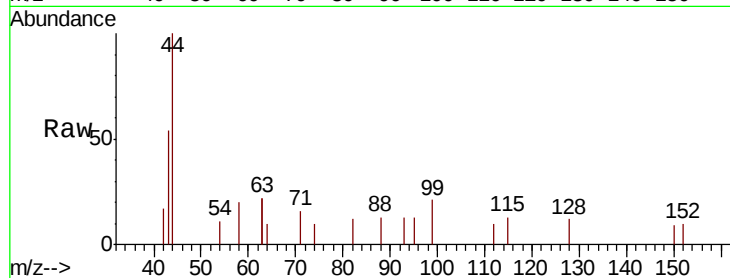
Tgt Ion: 99 Resp: 231

Ion Ratio Lower Upper

99 100

42 0.0 11.0 16.4#

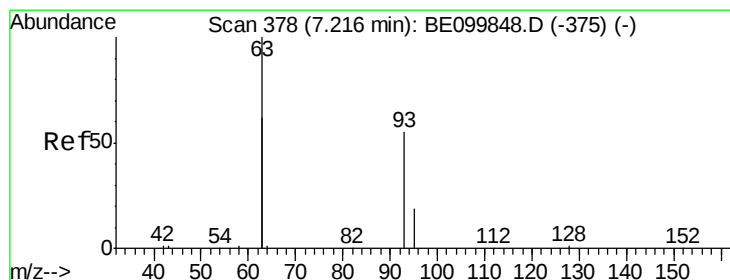
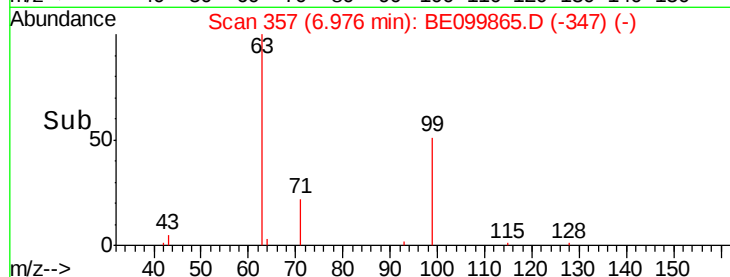
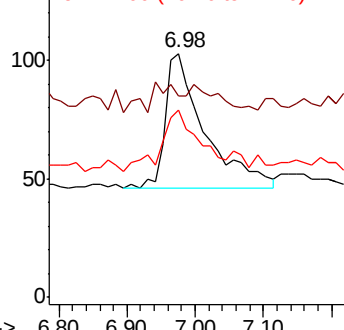
71 44.2 26.1 39.1#



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: 0.005 ng

RT: 7.22 min Scan# 378

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

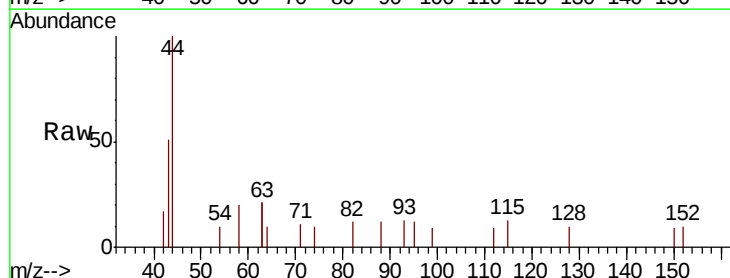
Tgt Ion: 93 Resp: 10

Ion Ratio Lower Upper

93 100

63 0.0 208.8 313.2#

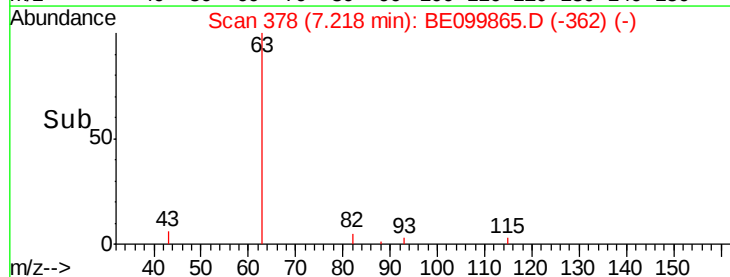
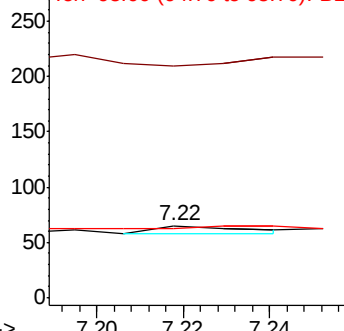
95 180.0 27.6 41.4#

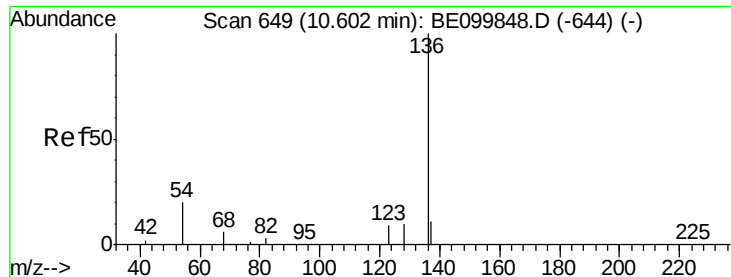


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.61 min Scan# 650

Delta R.T. -0.00 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

Tgt Ion: 136 Resp: 2278

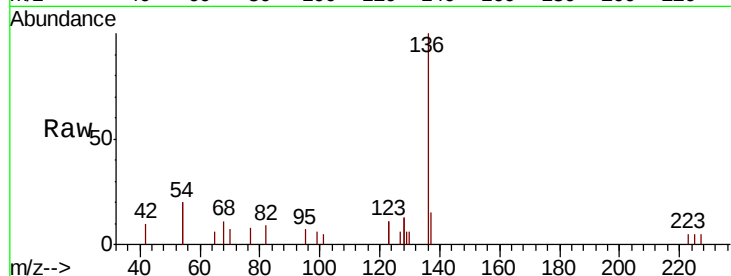
Ion Ratio Lower Upper

136 100

137 14.8 11.1 16.7

54 39.8 17.9 26.9#

68 10.7 5.4 8.0#

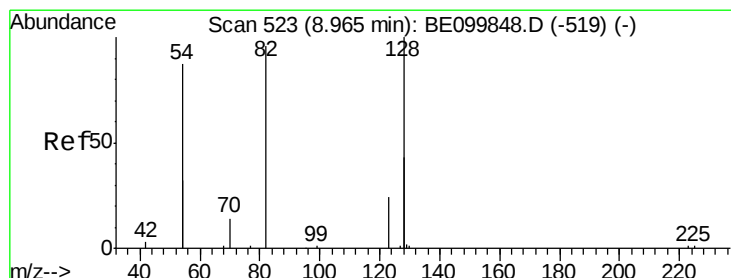
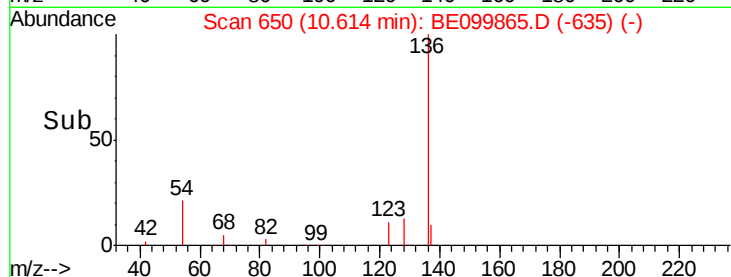
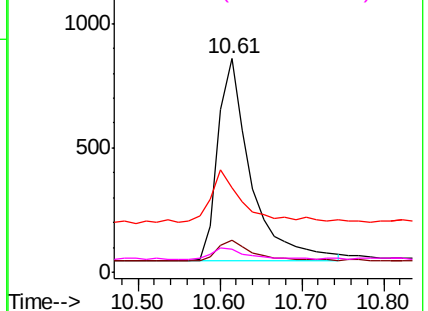


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.306 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

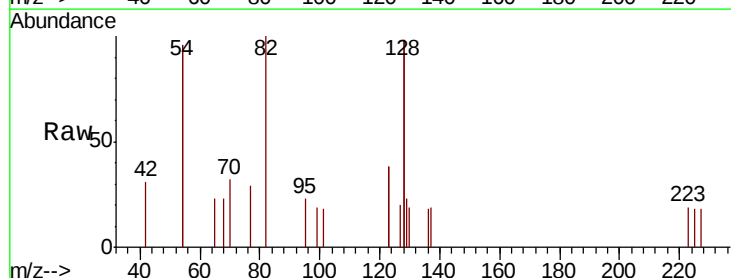
Tgt Ion: 82 Resp: 704

Ion Ratio Lower Upper

82 100

128 195.3 116.6 175.0#

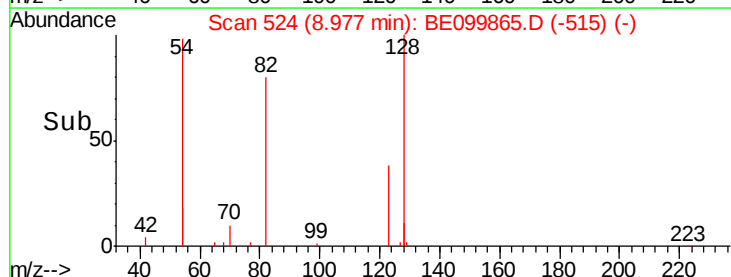
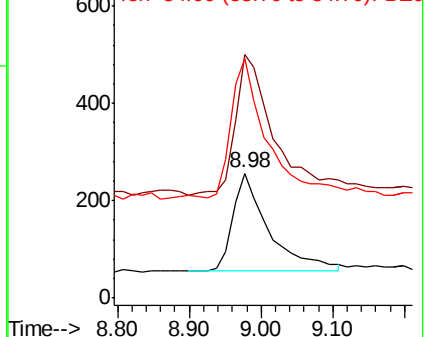
54 192.2 136.2 204.4

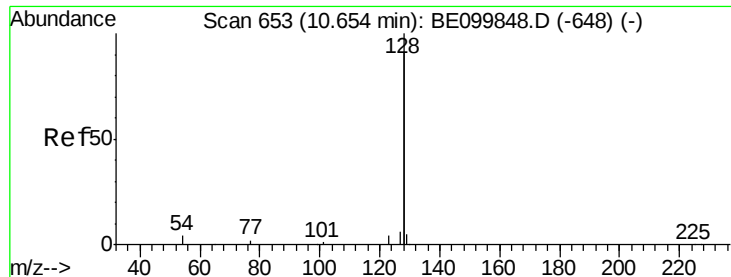


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.003 ng

RT: 10.68 min Scan# 655

Delta R.T. 0.03 min

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ClientSampleId :

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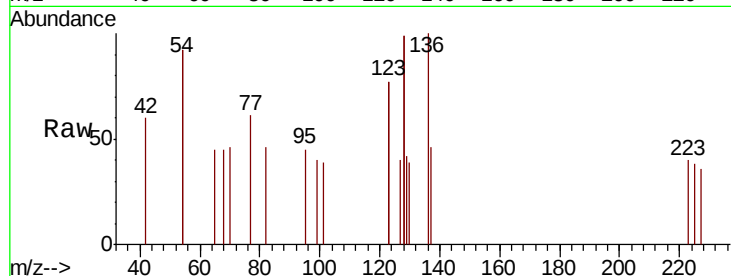
Tgt Ion:128 Resp: 86

Ion Ratio Lower Upper

128 100

129 21.3 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

10.68

250

200

150

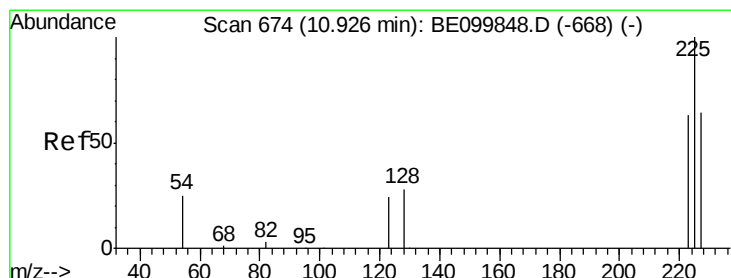
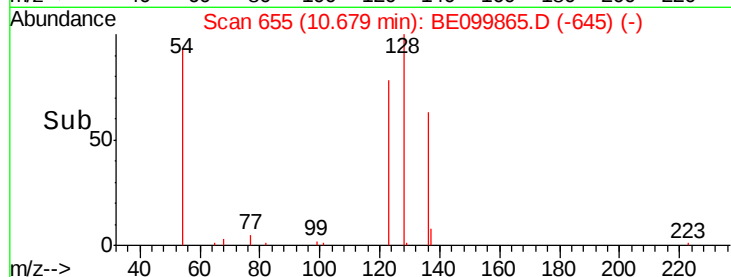
100

50

0

10.60 10.70

Time-->



#10

Hexachlorobutadiene

Concen: 0.003 ng

RT: 10.93 min Scan# 674

Delta R.T. -0.00 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

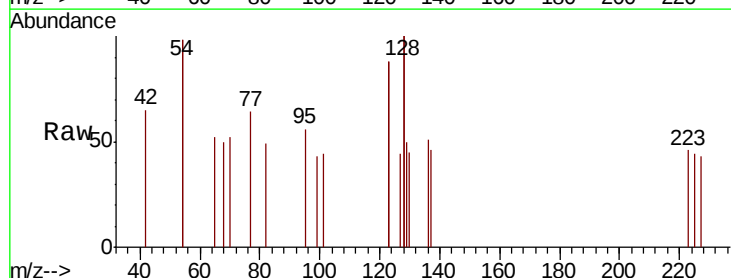
Tgt Ion:225 Resp: 6

Ion Ratio Lower Upper

225 100

223 116.7 48.6 72.8#

227 200.0 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

10.93

60

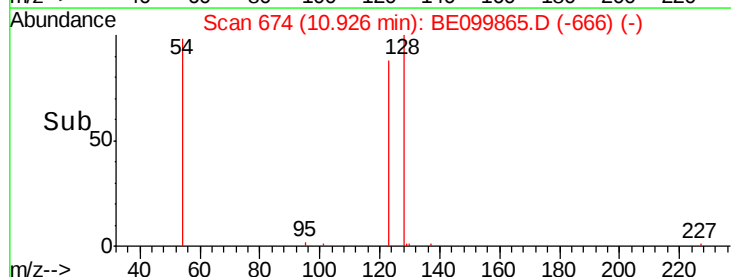
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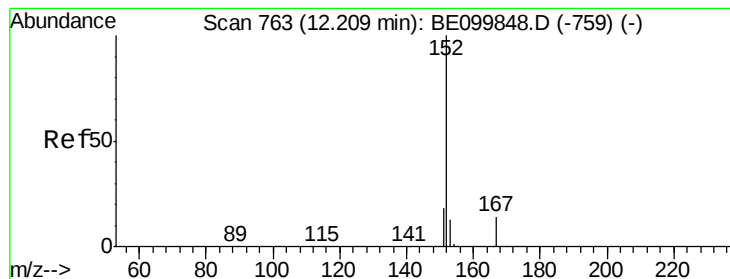
20

0

10.90 10.95 11.00

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.304 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

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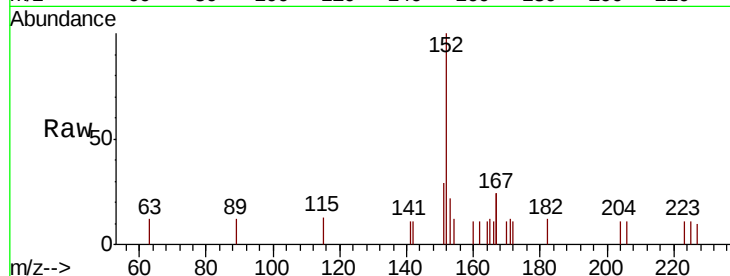
BPS1-TT-MW309D-20190605

Tgt Ion:152 Resp: 1253

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.22

400

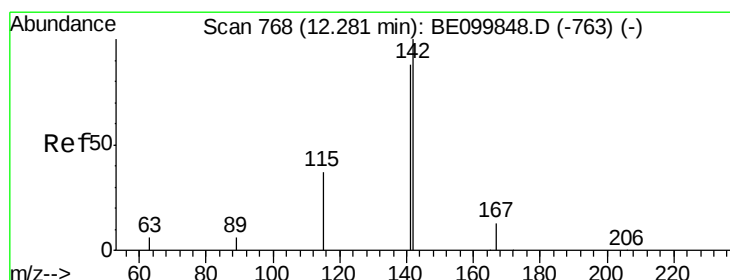
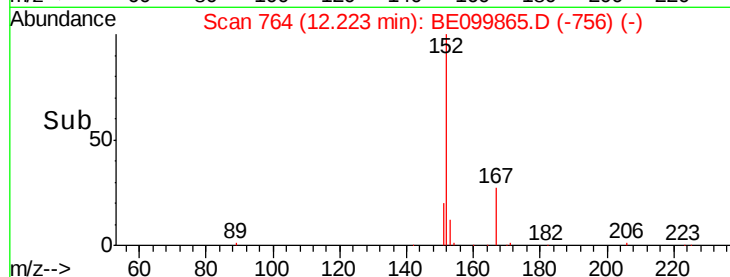
300

200

100

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

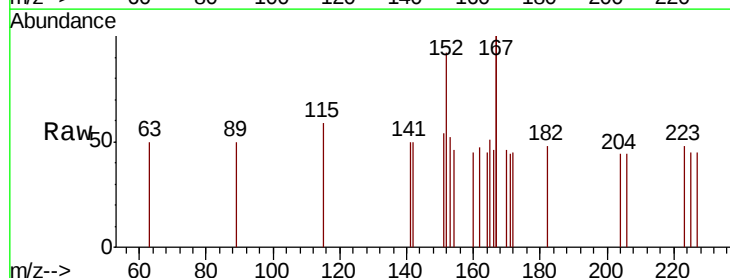
Tgt Ion:142 Resp: 10

Ion Ratio Lower Upper

142 100

141 100.0 73.3 109.9

115 117.6 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

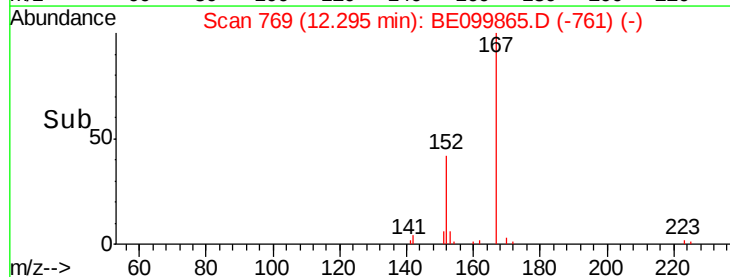
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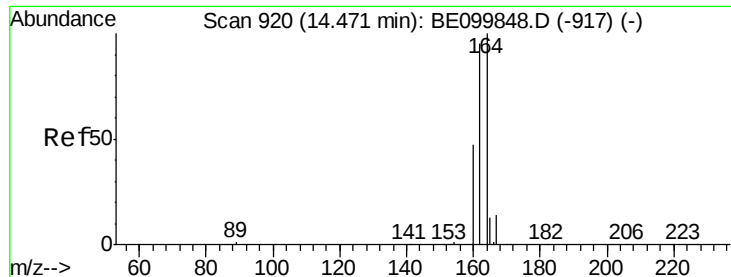
40

20

0

Time-->

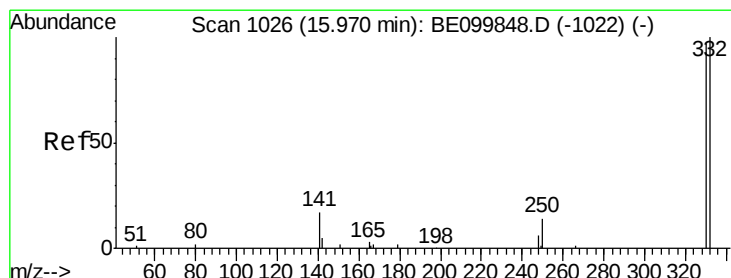
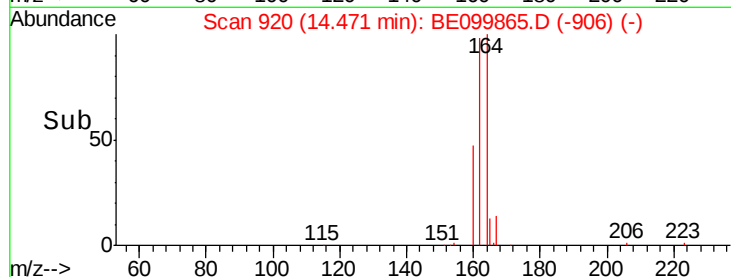
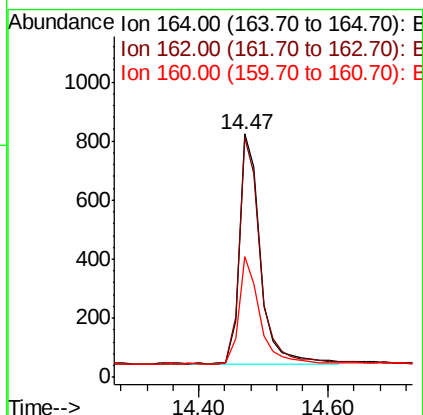
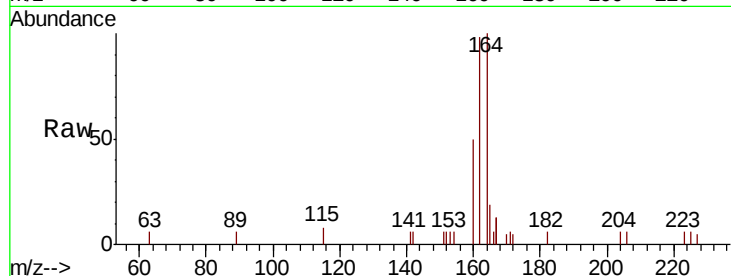




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

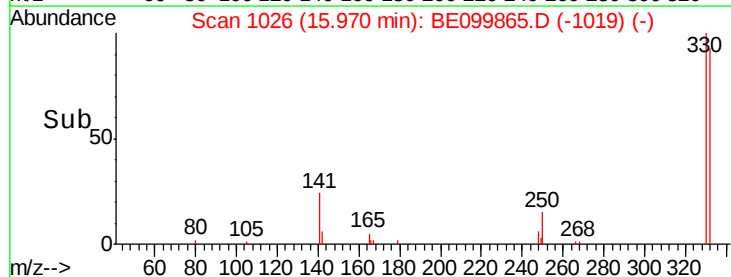
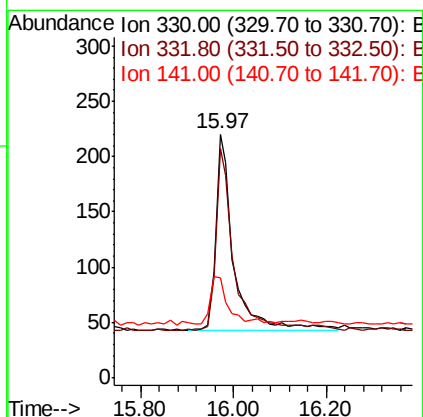
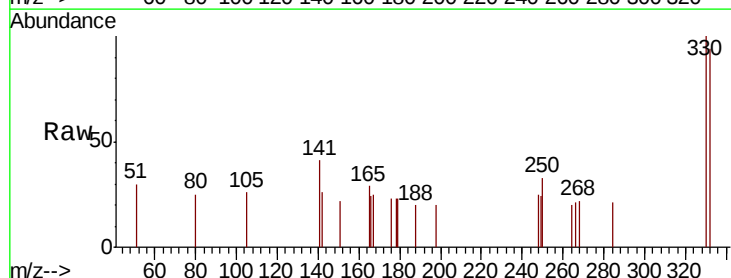
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190605

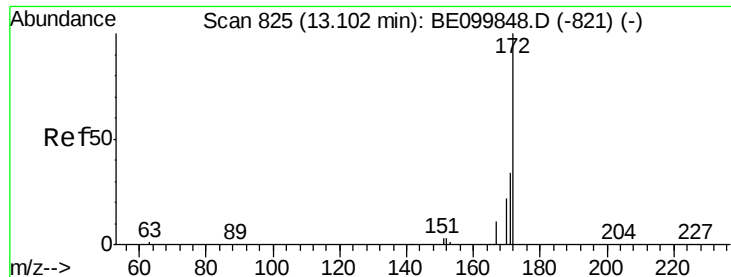
Tgt Ion:164 Resp: 1728
 Ion Ratio Lower Upper
 164 100
 162 98.4 77.2 115.8
 160 49.8 39.4 59.2



#14
 2,4,6-Tribromophenol
 Concen: 0.281 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Tgt Ion:330 Resp: 480
 Ion Ratio Lower Upper
 330 100
 332 90.4 74.9 112.3
 141 23.8 16.0 24.0

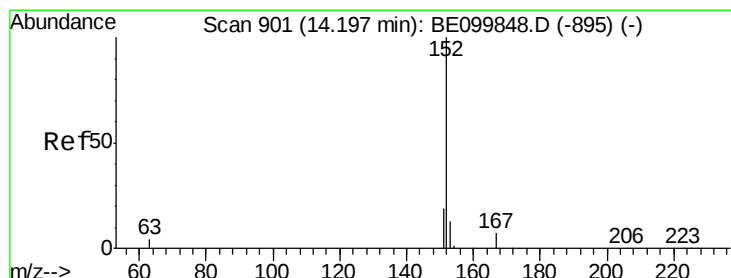
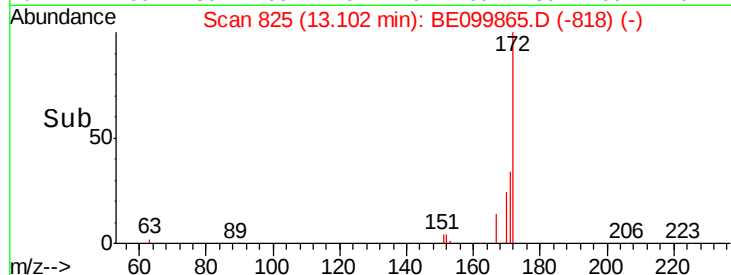
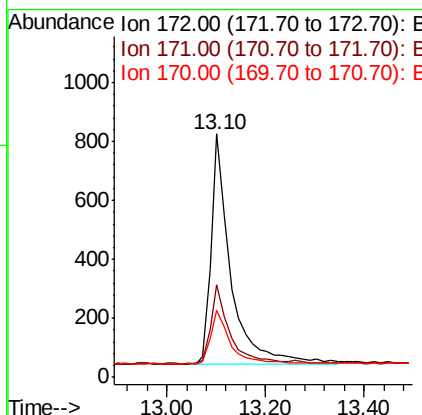
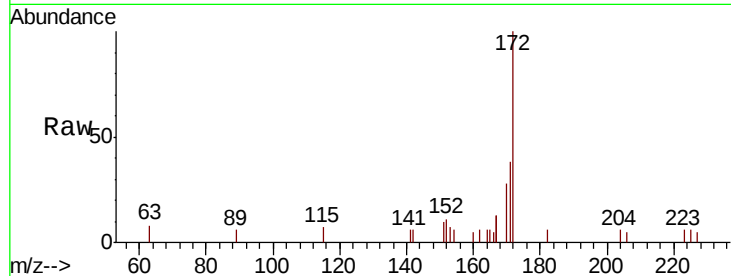




#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE099865.D
Acq: 7 Jun 2019 22:43

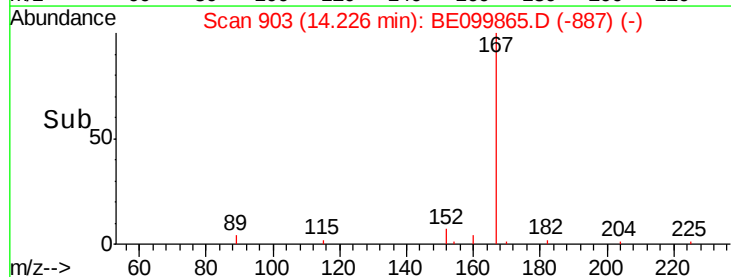
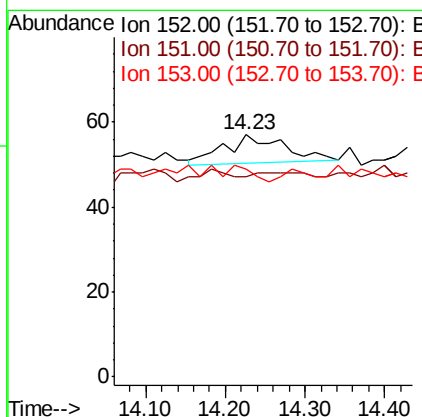
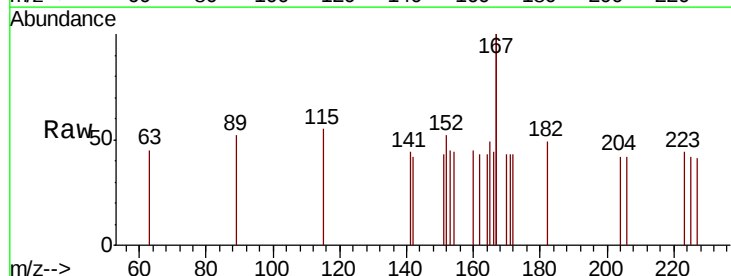
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW309D-20190605

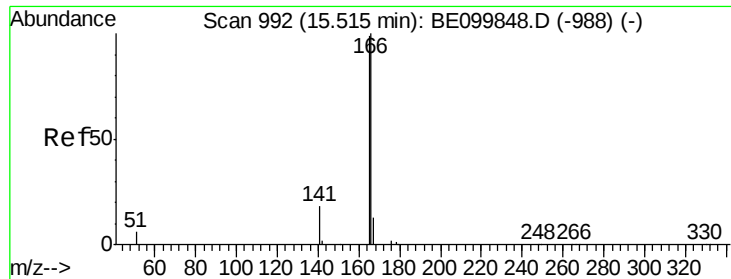
Tgt Ion:172 Resp: 2146
Ion Ratio Lower Upper
172 100
171 38.0 30.2 45.4
170 27.6 20.1 30.1



#16
Acenaphthylene
Concen: 0.004 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.03 min
Lab File: BE099865.D
Acq: 7 Jun 2019 22:43

Tgt Ion:152 Resp: 35
Ion Ratio Lower Upper
152 100
151 2.9 15.9 23.9#
153 0.0 10.8 16.2#

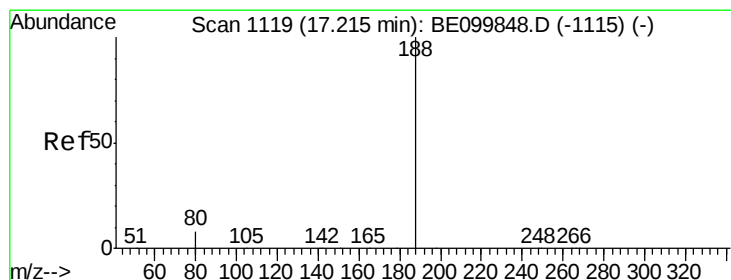
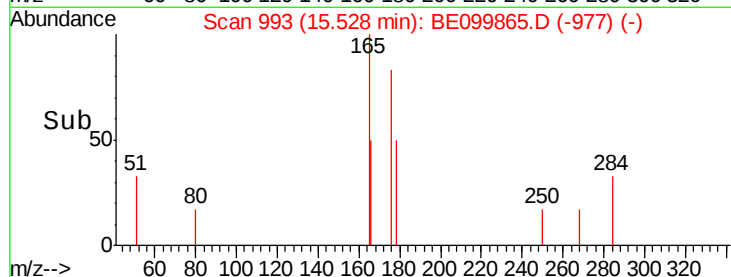
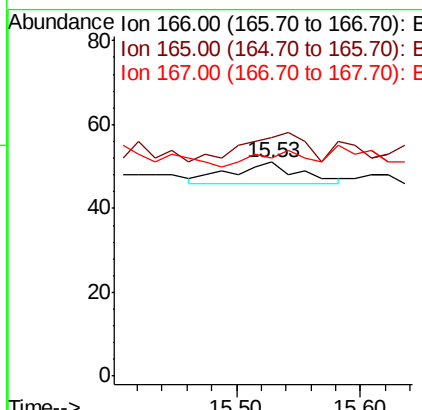
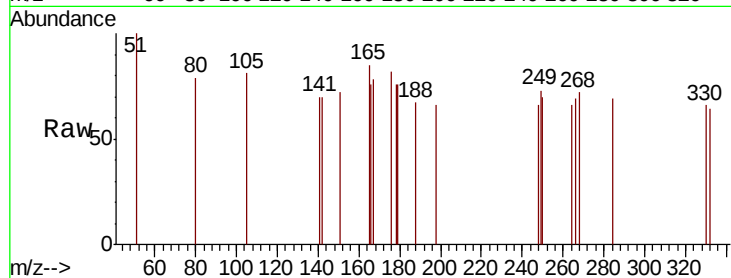




#18
 Fluorene
 Concen: 0.003 ng
 RT: 15.53 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

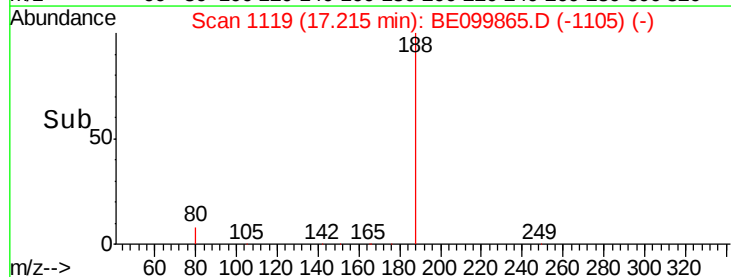
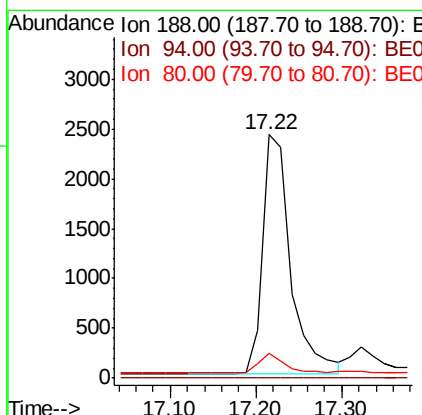
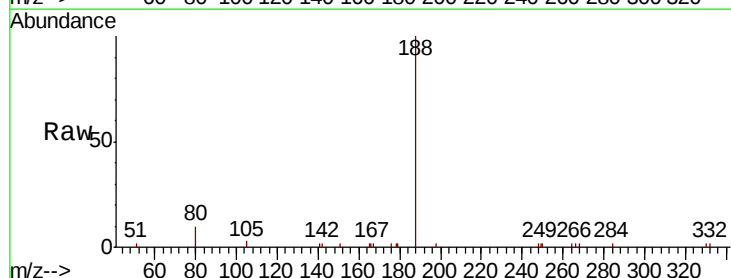
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190605

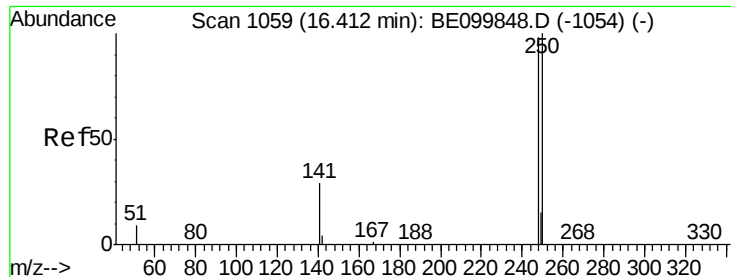
Tgt Ion:166 Resp: 18
 Ion Ratio Lower Upper
 166 100
 165 133.3 80.4 120.6#
 167 55.6 10.7 16.1#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.22 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Tgt Ion:188 Resp: 5412
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.0 5.2 7.8#





#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.39 min Scan# 1057

Delta R.T. -0.03 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

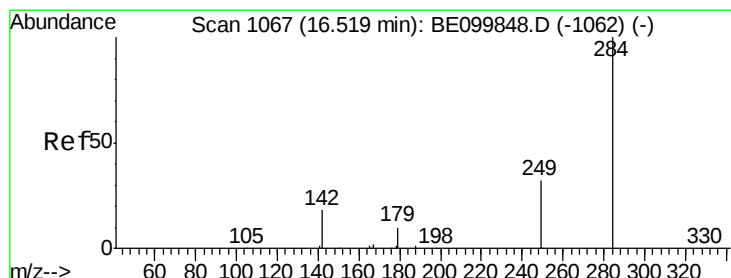
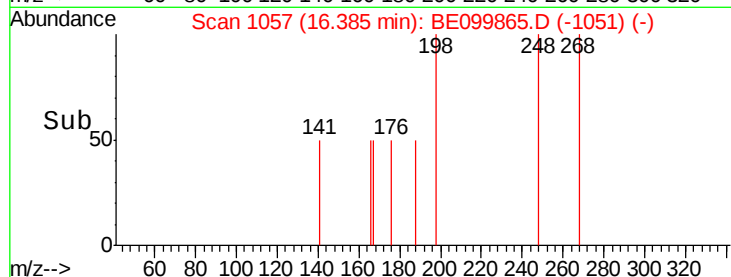
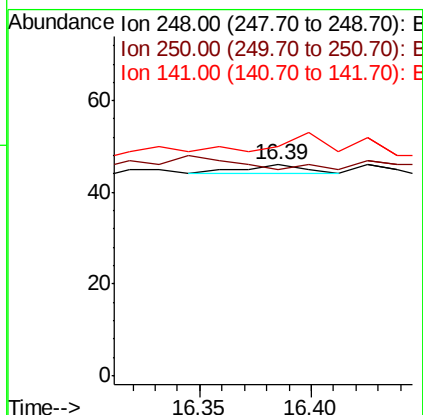
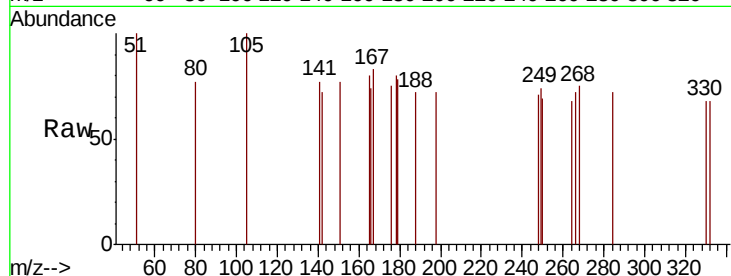
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

Tgt Ion:	248	Resp:	4
Ion	Ratio	Lower	Upper
248	100		
250	97.8	73.7	110.5
141	108.7	40.9	61.3#



#21

Hexachlorobenzene

Concen: 0.001 ng

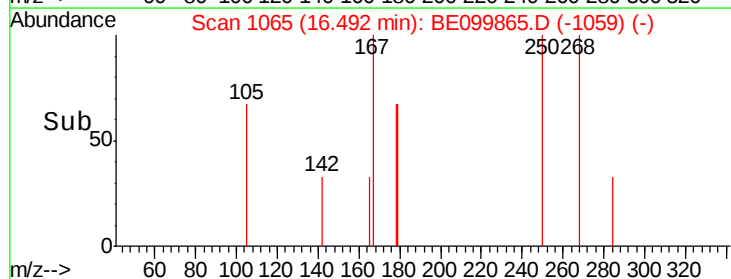
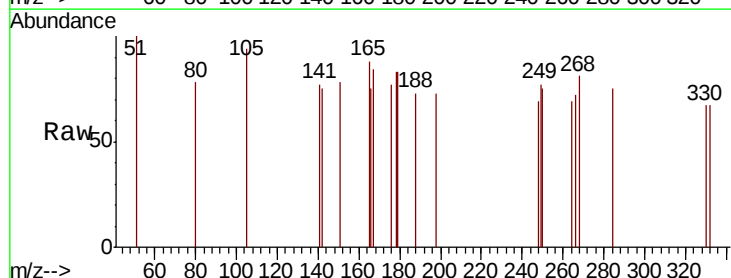
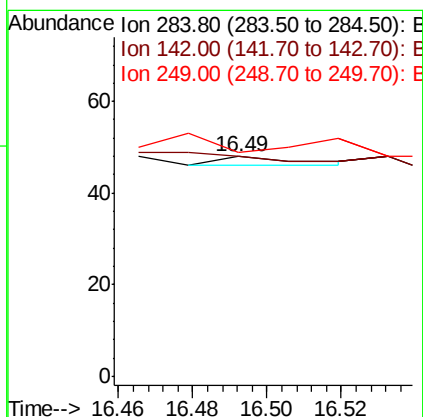
RT: 16.49 min Scan# 1065

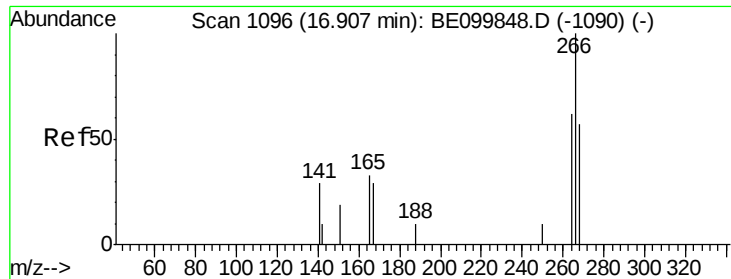
Delta R.T. -0.03 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Tgt Ion:	284	Resp:	3
Ion	Ratio	Lower	Upper
284	100		
142	0.0	16.2	24.4#
249	66.7	23.1	34.7#

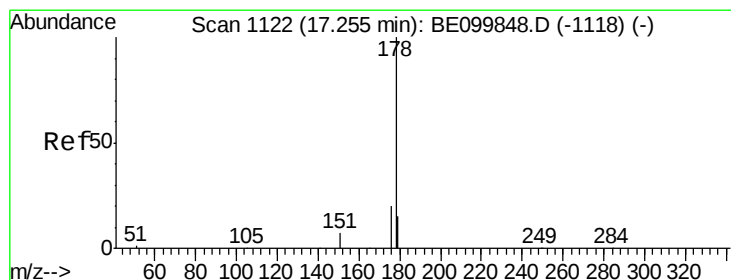
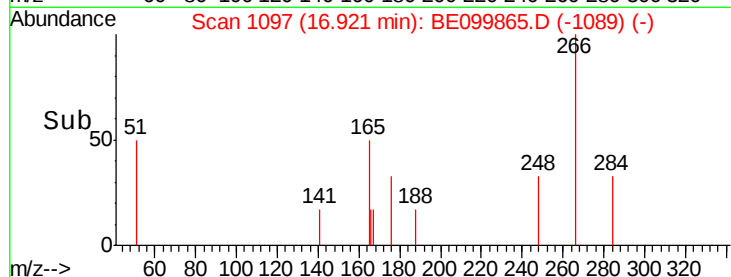
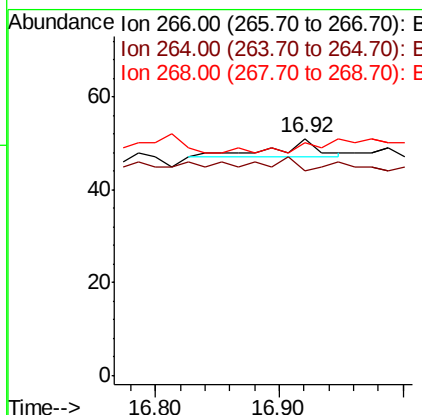
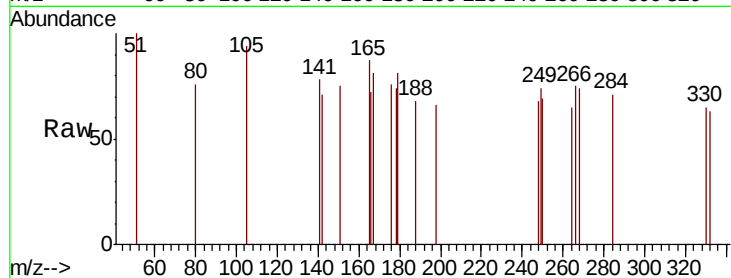




#22
 Pentachlorophenol
 Concen: 0.237 ng
 RT: 16.92 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

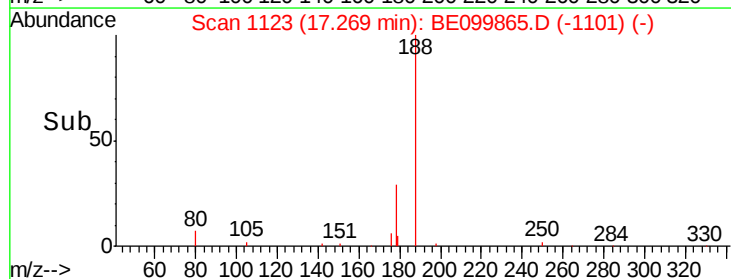
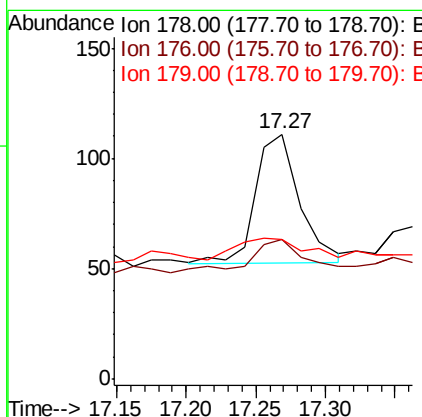
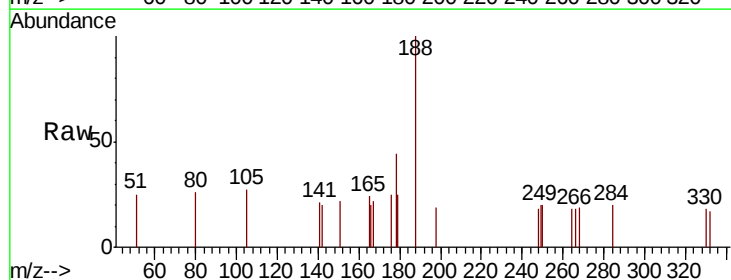
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190605

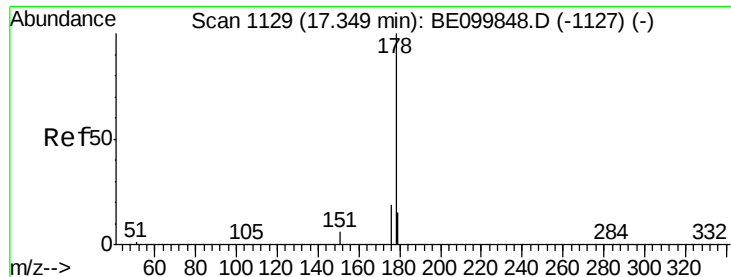
Tgt Ion: 266 Resp: 10
 Ion Ratio Lower Upper
 266 100
 264 86.3 64.9 97.3
 268 98.0 64.0 96.0#



#23
 Phenanthrene
 Concen: 0.010 ng
 RT: 17.27 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Tgt Ion: 178 Resp: 129
 Ion Ratio Lower Upper
 178 100
 176 33.3 15.4 23.0#
 179 25.6 12.5 18.7#

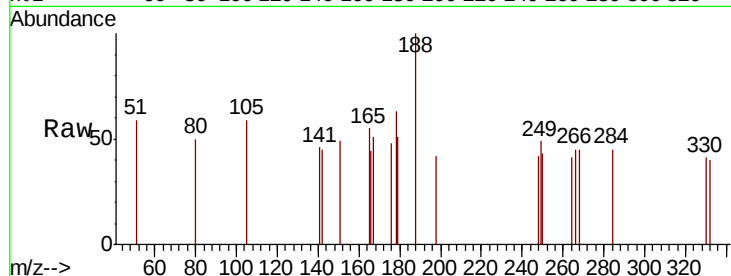




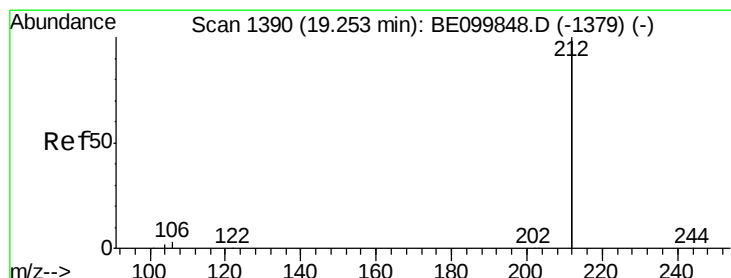
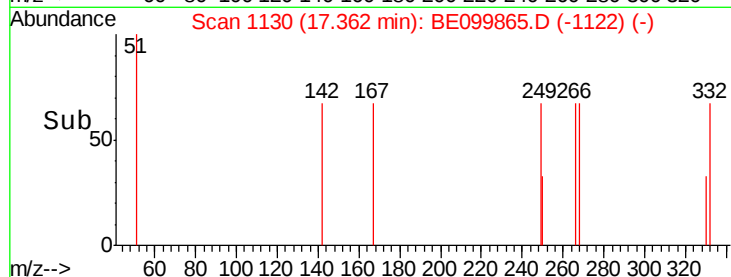
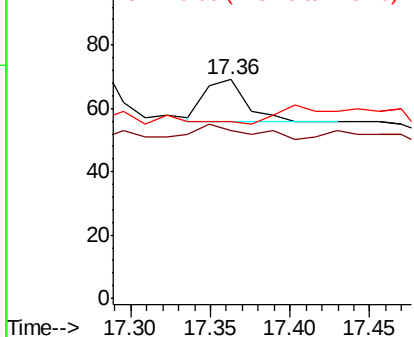
#24
 Anthracene
 Concen: 0.002 ng
 RT: 17.36 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190605

Tgt Ion:178 Resp: 23
 Ion Ratio Lower Upper
 178 100
 176 52.2 15.1 22.7#
 179 0.0 12.1 18.1#

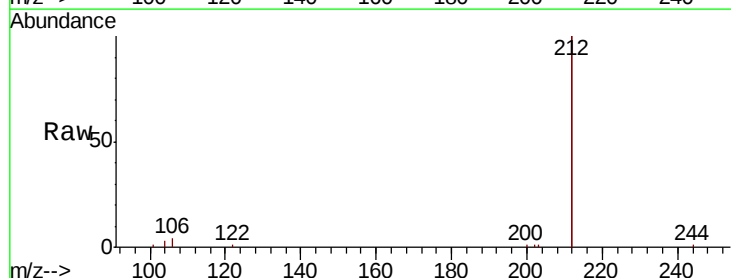


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

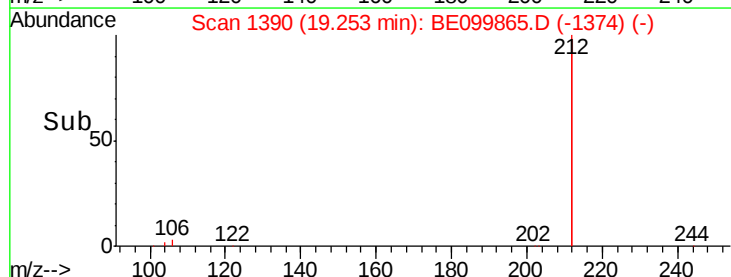
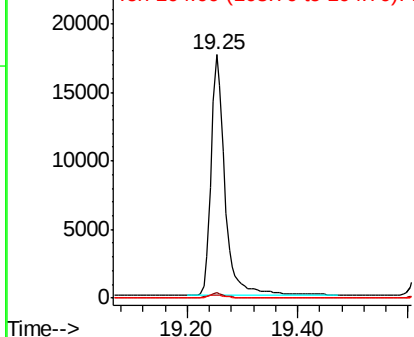


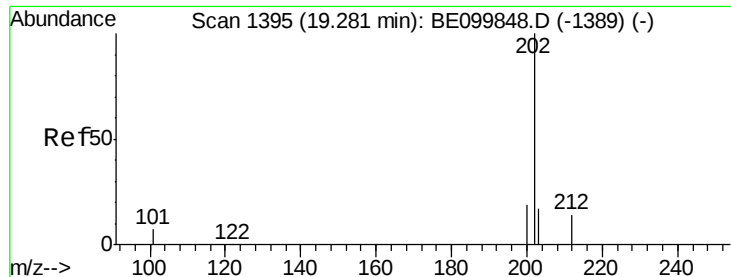
#25
 Fluoranthene-d10
 Concen: 0.368 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Tgt Ion:212 Resp: 30890
 Ion Ratio Lower Upper
 212 100
 106 1.8 1.4 2.0
 104 1.1 0.8 1.2



Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

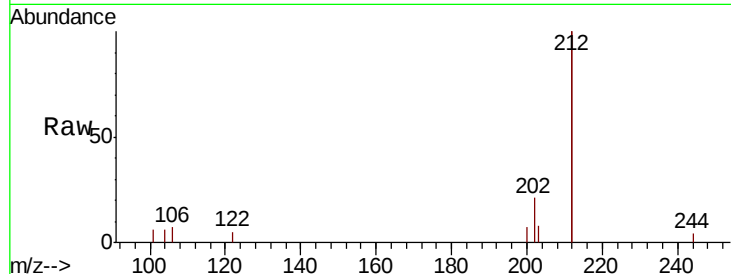




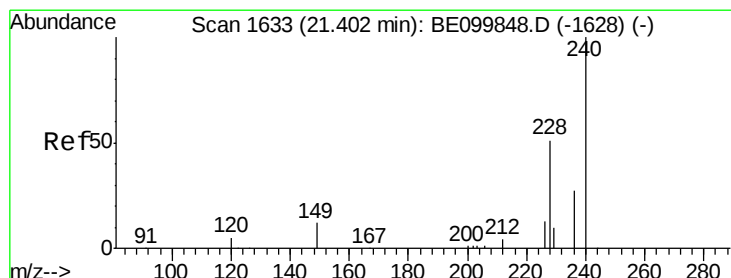
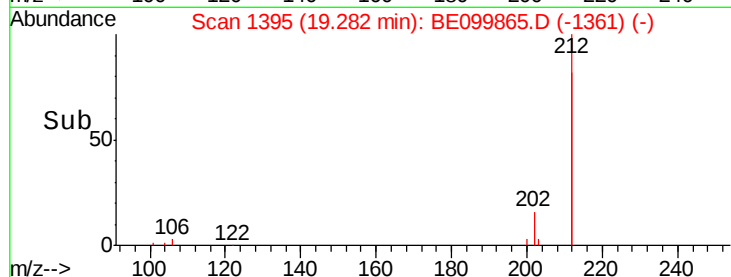
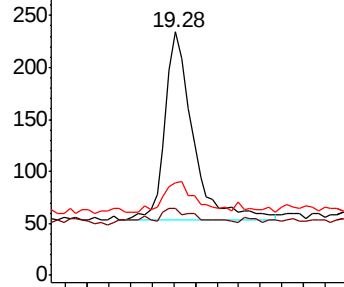
#26
 Fluoranthene
 Concen: 0.014 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190605

Tgt Ion:202 Resp: 328
 Ion Ratio Lower Upper
 202 100
 101 6.1 5.2 7.8
 203 18.0 13.6 20.4

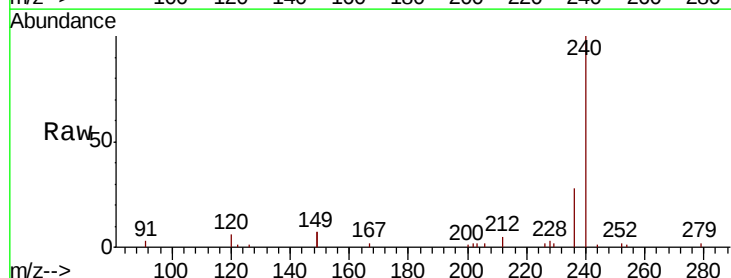


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

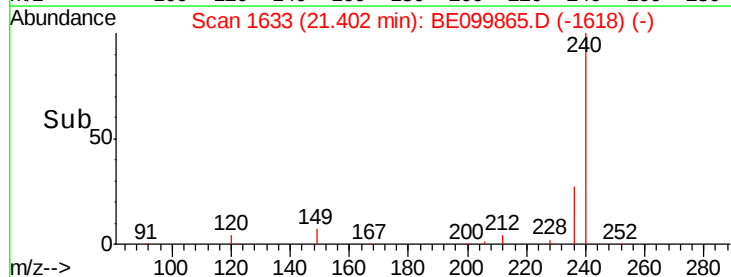
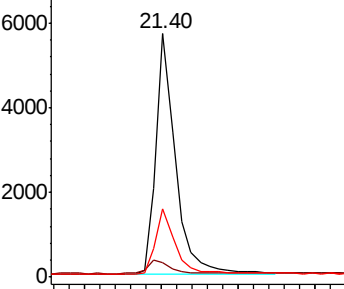


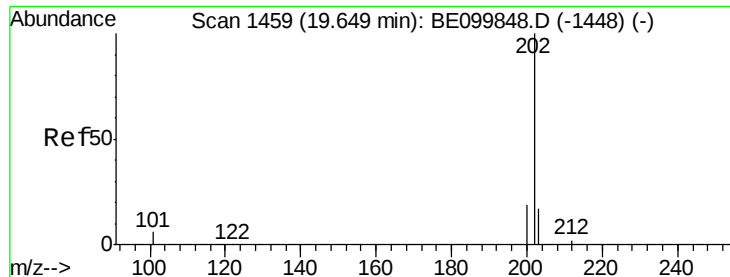
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Tgt Ion:240 Resp: 10092
 Ion Ratio Lower Upper
 240 100
 120 5.8 2.8 4.2#
 236 28.2 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: 0.011 ng

RT: 19.64 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

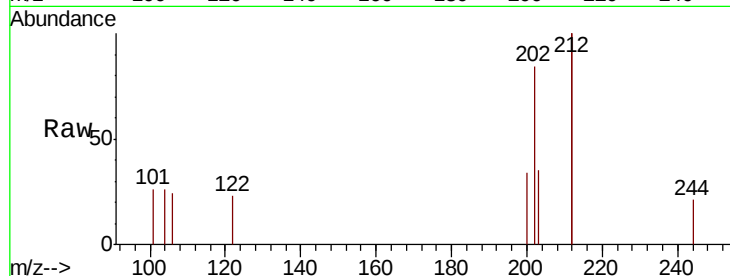
Tgt Ion:202 Resp: 293

Ion Ratio Lower Upper

202 100

200 20.1 15.6 23.4

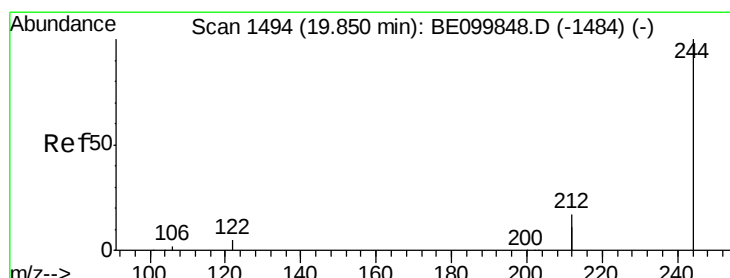
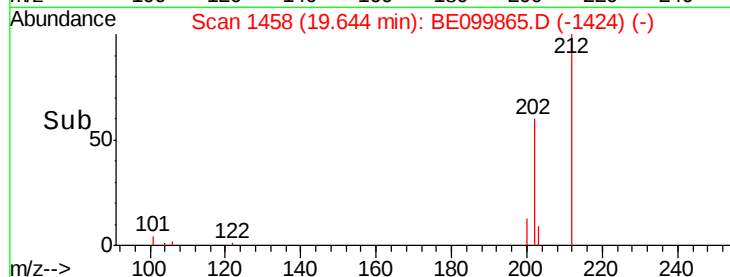
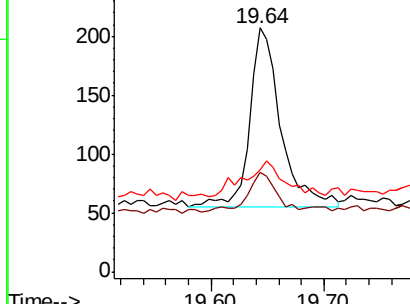
203 25.3 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.378 ng

RT: 19.85 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

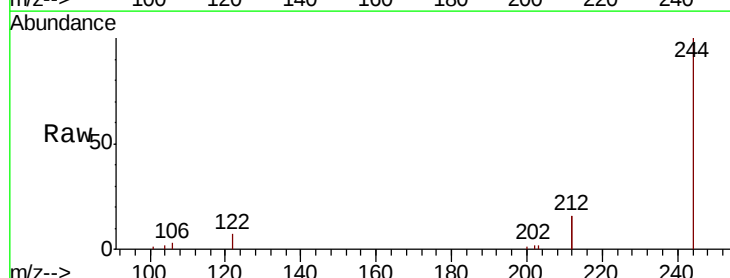
Tgt Ion:244 Resp: 7108

Ion Ratio Lower Upper

244 100

212 31.8 23.7 35.5

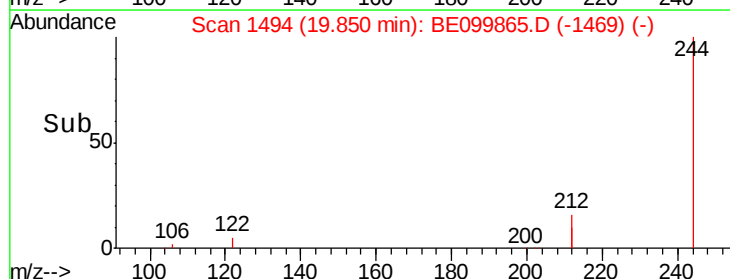
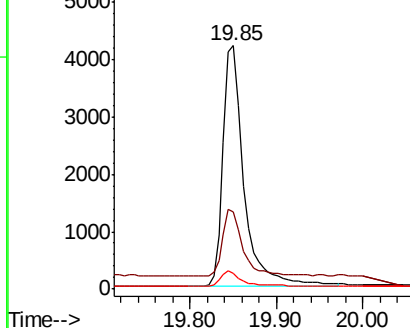
122 6.7 4.8 7.2

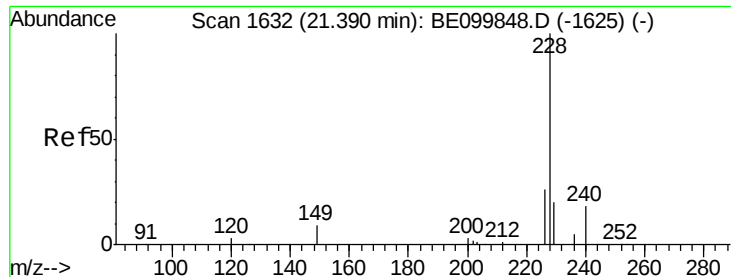


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.009 ng

RT: 21.39 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

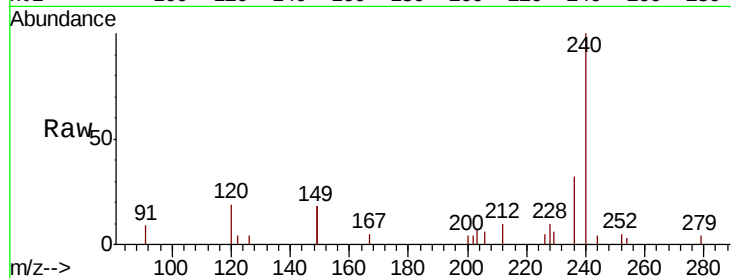
Tgt Ion:228 Resp: 275

Ion Ratio Lower Upper

228 100

226 52.5 21.6 32.4#

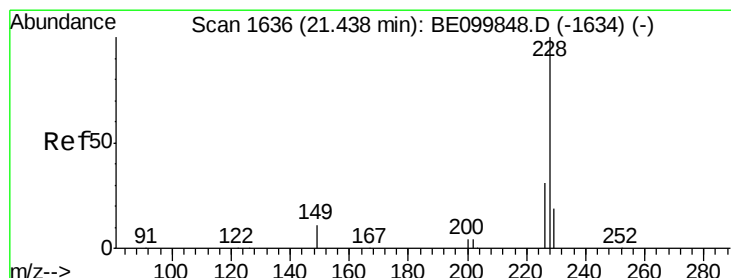
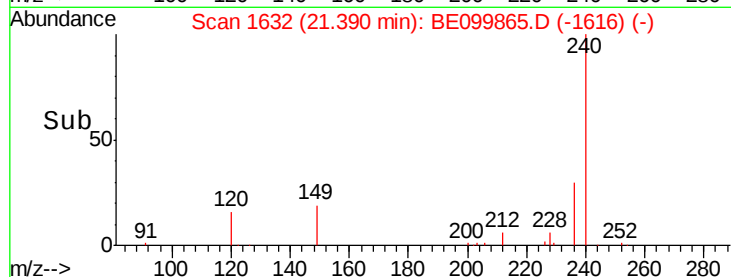
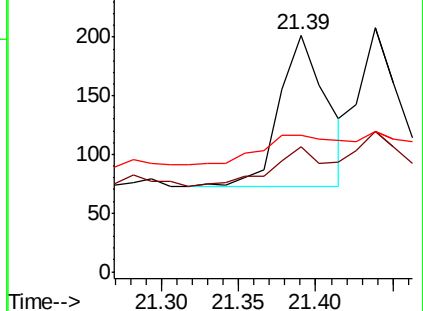
229 57.4 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#31

Chrysene

Concen: 0.007 ng

RT: 21.44 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

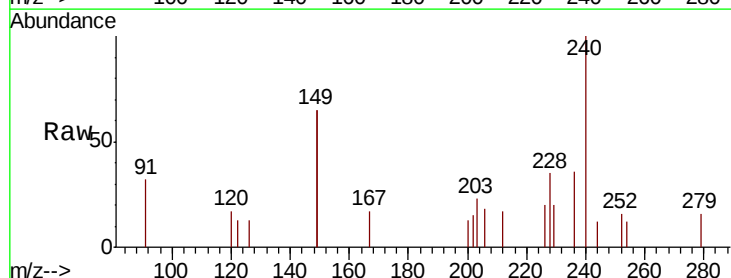
Tgt Ion:228 Resp: 234

Ion Ratio Lower Upper

228 100

226 57.7 22.9 34.3#

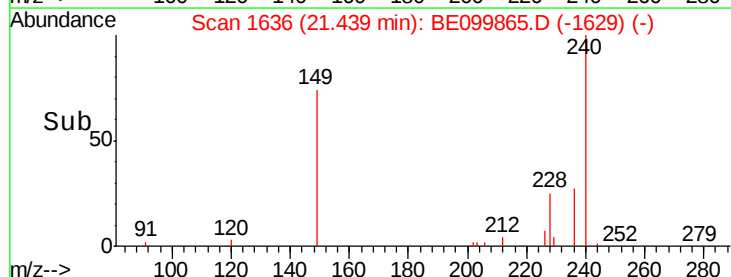
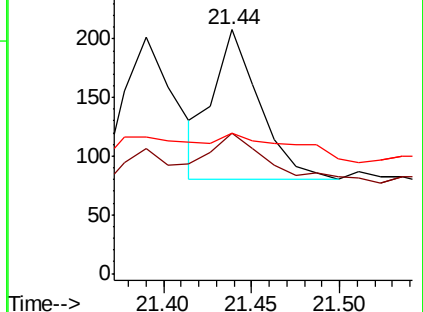
229 57.7 16.4 24.6#

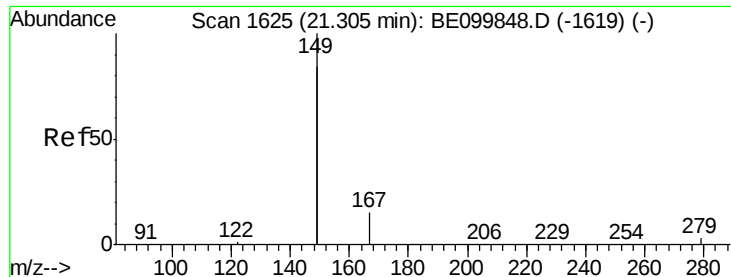


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.014 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

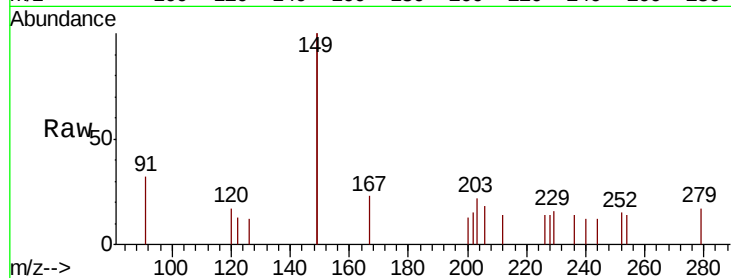
Tgt Ion:149 Resp: 727

Ion Ratio Lower Upper

149 100

167 12.1 6.0 9.0#

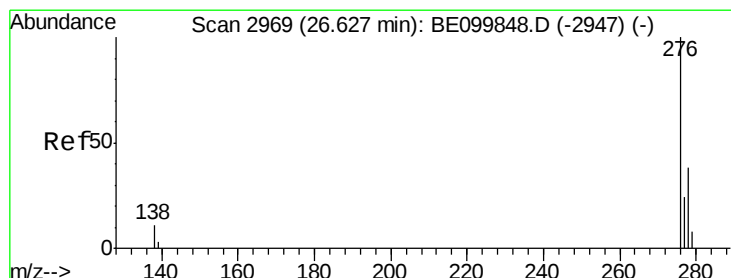
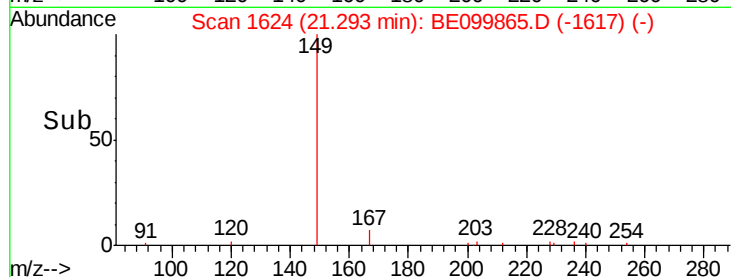
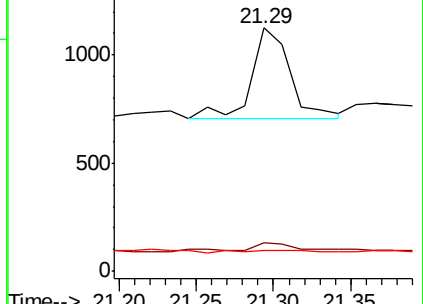
279 0.0 1.2 1.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.62 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

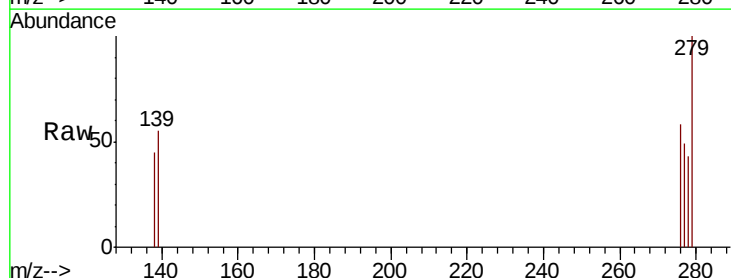
Tgt Ion:276 Resp: 68

Ion Ratio Lower Upper

276 100

138 19.1 10.3 15.5#

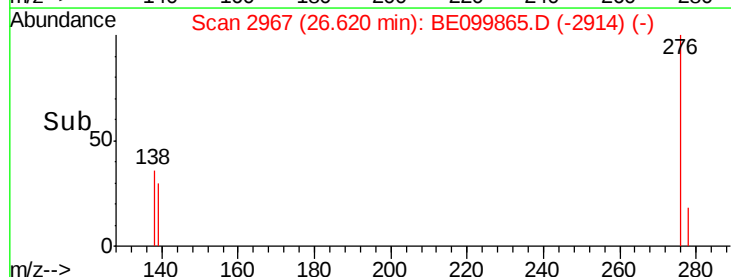
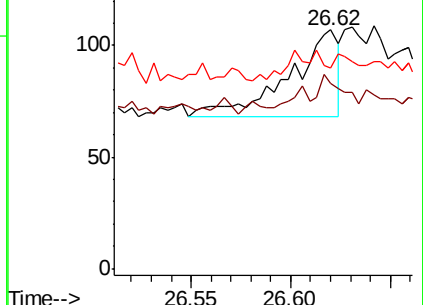
277 4.4 19.4 29.2#

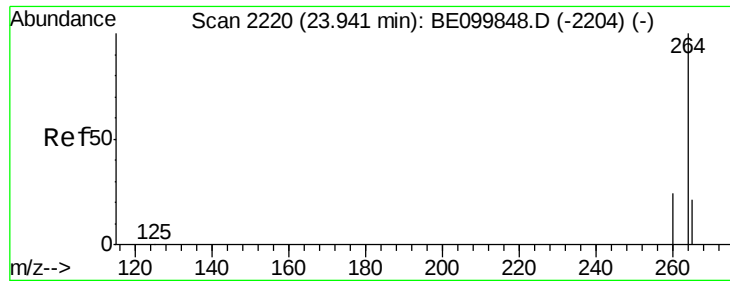


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

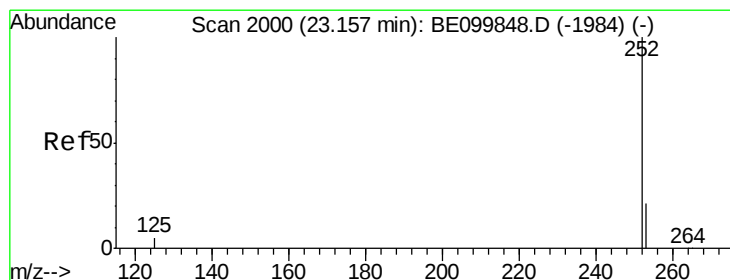
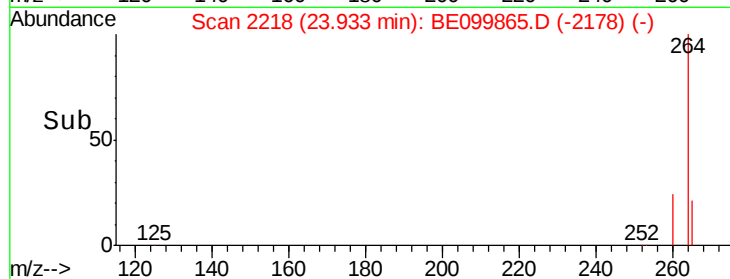
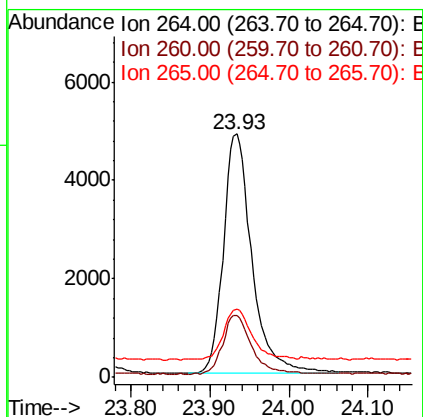
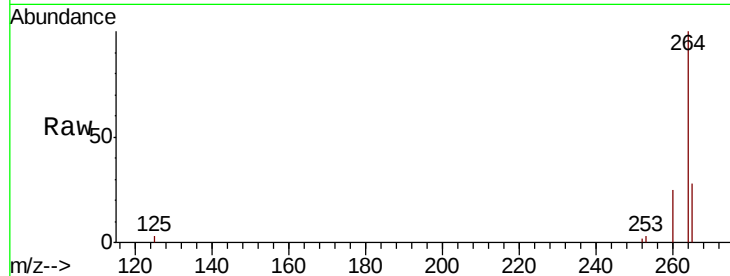




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

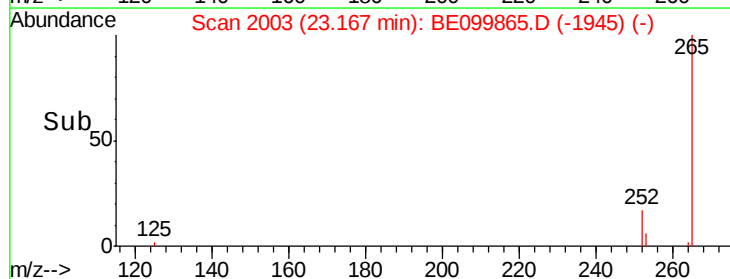
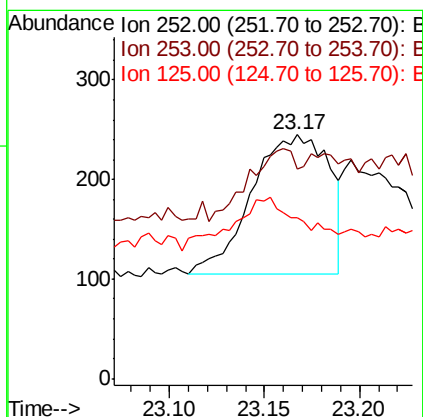
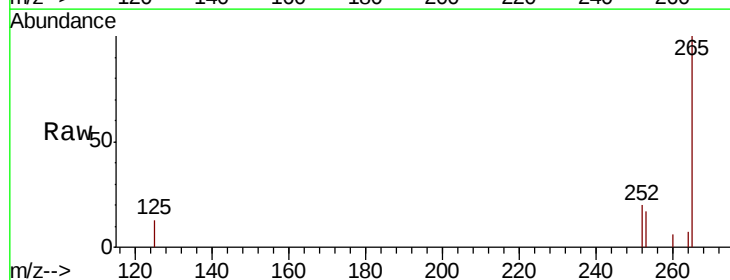
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW309D-20190605

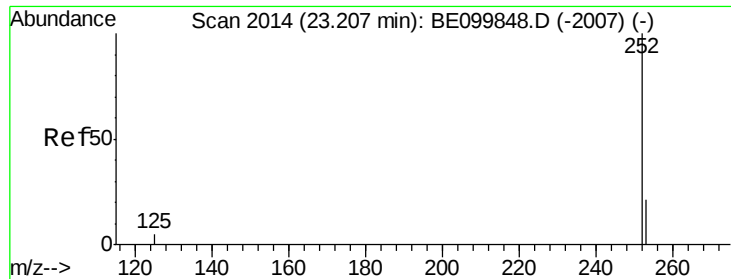
Tgt Ion: 264 Resp: 12268
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.0 30.0
 265 28.2 20.7 31.1



#35
Benzo(b)fluoranthene
 Concen: 0.012 ng
 RT: 23.17 min Scan# 2003
 Delta R.T. 0.01 min
 Lab File: BE099865.D
 Acq: 7 Jun 2019 22:43

Tgt Ion: 252 Resp: 396
 Ion Ratio Lower Upper
 252 100
 253 85.7 18.9 28.3#
 125 66.1 7.6 11.4#





#36

Benzo(k)fluoranthene

Concen: 0.012 ng

RT: 23.17 min Scan# 2003

Delta R.T. -0.04 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

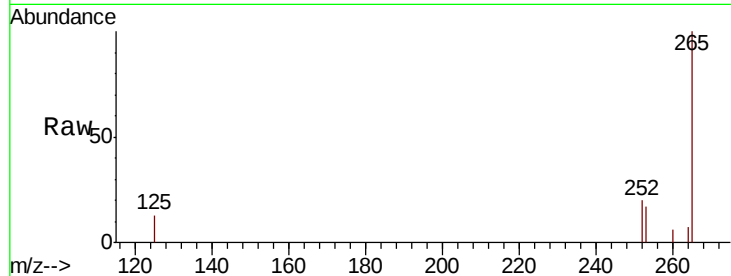
Tgt Ion: 252 Resp: 396

Ion Ratio Lower Upper

252 100

253 85.7 18.4 27.6#

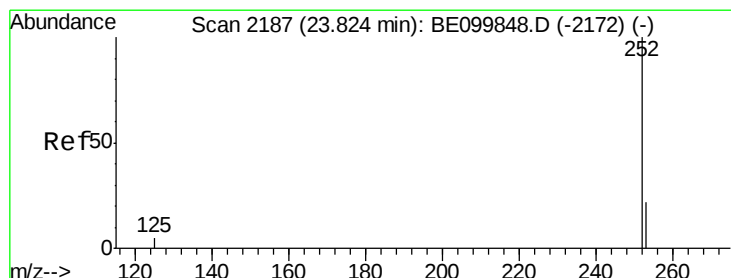
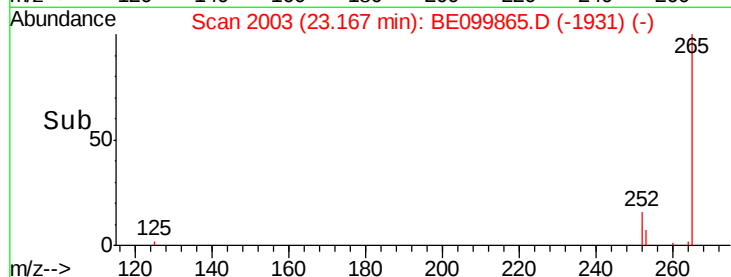
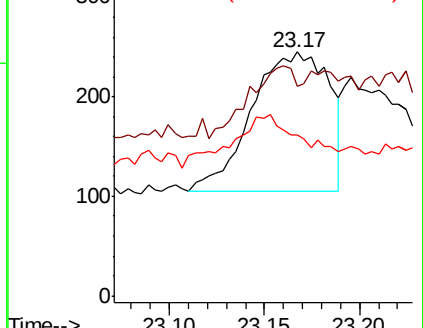
125 66.1 4.6 7.0#



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: 0.006 ng

RT: 23.82 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

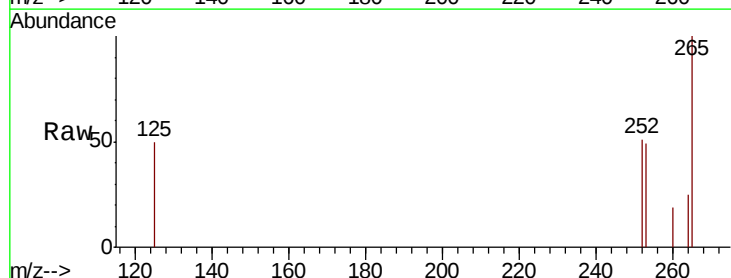
Tgt Ion: 252 Resp: 197

Ion Ratio Lower Upper

252 100

253 97.3 19.3 28.9#

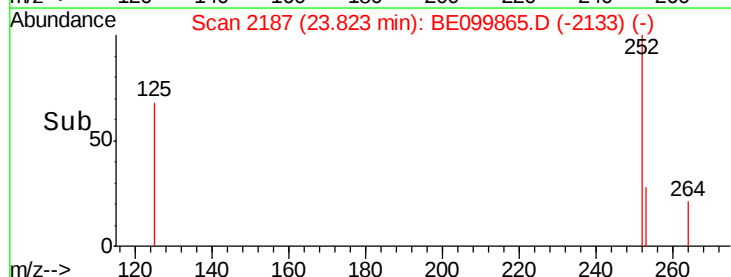
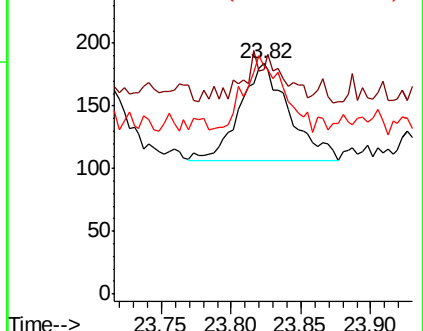
125 98.9 10.2 15.4#

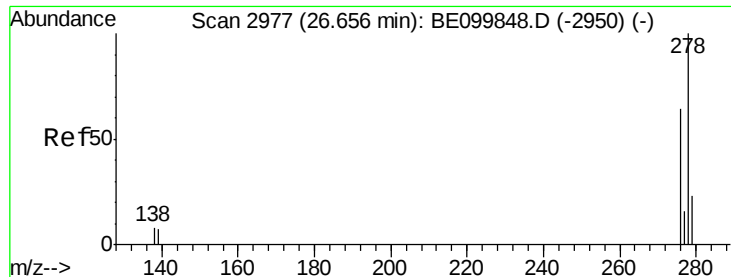


Abundance Ion 252.00 (251.70 to 252.70): E

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: 26.65 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

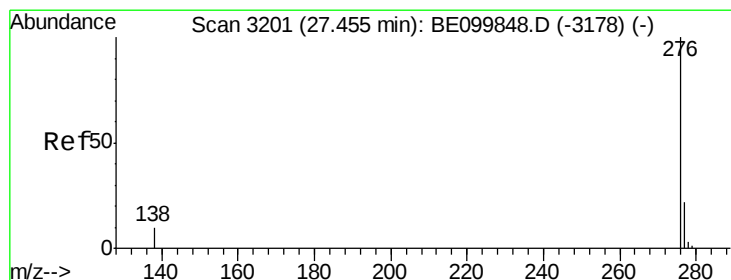
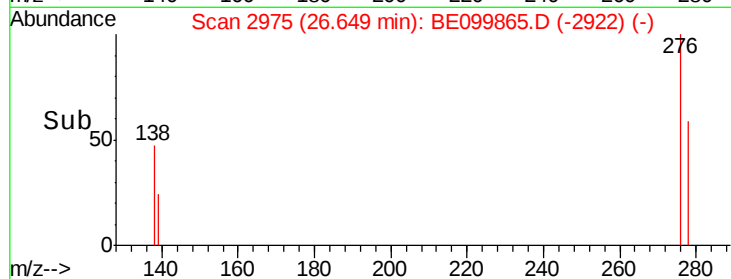
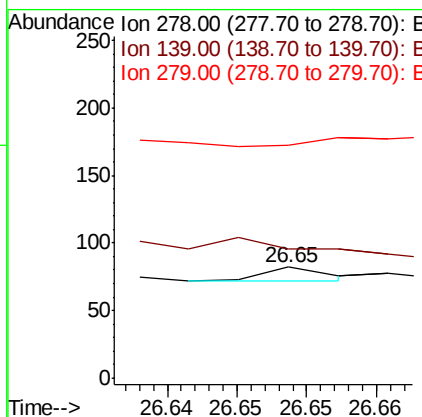
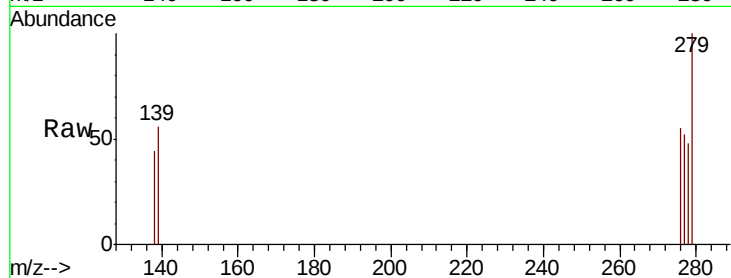
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW309D-20190605

Tgt Ion:	278	Resp:	3
Ion	Ratio	Lower	Upper
278	100		
139	117.1	7.9	11.9#
279	209.8	18.5	27.7#



#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.45 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BE099865.D

Acq: 7 Jun 2019 22:43

Tgt Ion:	276	Resp:	53
Ion	Ratio	Lower	Upper
276	100		
277	86.3	19.6	29.4#
138	70.6	9.0	13.4#

