

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098365.D
 Acq On : 12 Dec 2018 17:35
 Operator : SJ/JU
 Sample : J6314-10MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MSD

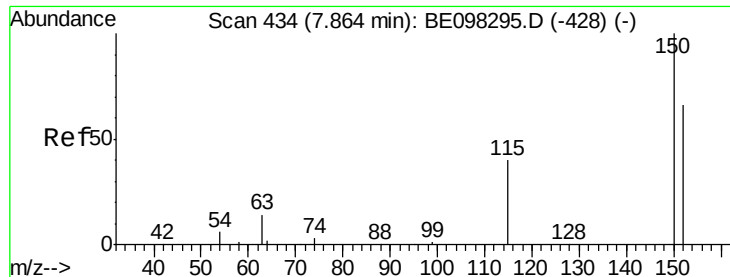
Quant Time: Dec 13 05:52:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 14:59:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	972	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3906	0.40	ng	-0.01
13) Acenaphthene-d10	14.53	164	2342	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	6435	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8328	0.40	ng	0.00
34) Perylene-d12	24.01	264	7700	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	396	0.17	ng	0.01
5) Phenol-d6	7.05	99	322	0.10	ng	0.00
8) Nitrobenzene-d5	9.03	82	1653	0.46	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3221	0.51	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	481	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	4855	0.49	ng	0.00
25) Fluoranthene-d10	19.30	212	40841	0.49	ng	0.00
29) Terphenyl-d14	19.90	244	14777	0.73	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.37	88	1990	1.184	ng	# 83
3) n-Nitrosodimethylamine	3.72	42	285	0.188	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1151	0.376	ng	# 86
9) Naphthalene	10.71	128	19526	0.497	ng	99
10) Hexachlorobutadiene	10.99	225	1063	0.425	ng	99
12) 2-Methylnaphthalene	12.34	142	3238	0.507	ng	99
16) Acenaphthylene	14.24	152	5662	0.516	ng	99
17) Acenaphthene	14.59	154	3280	0.498	ng	98
18) Fluorene	15.57	166	4552	0.516	ng	99
20) 4-Bromophenyl-phenylether	16.46	248	1637	0.473	ng	87
21) Hexachlorobenzene	16.58	284	1652	0.444	ng	94
22) Pentachlorophenol	16.94	266	503	0.749	ng	94
23) Phenanthrene	17.31	178	8315	0.532	ng	99
24) Anthracene	17.41	178	7166	0.514	ng	99
26) Fluoranthene	19.33	202	11511	0.556	ng	99
28) Pyrene	19.70	202	11589	0.444	ng	99
30) Benzo(a)anthracene	21.44	228	12140	0.512	ng	98
31) Chrysene	21.50	228	12426	0.500	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	24645	0.512	ng	100
33) Indeno(1,2,3-cd)pyrene	26.69	276	12915	0.522	ng	98
35) Benzo(b)fluoranthene	23.22	252	11527	0.547	ng	95
36) Benzo(k)fluoranthene	23.28	252	13717	0.559	ng	98
37) Benzo(a)pyrene	23.89	252	11631	0.535	ng	98
38) Dibenzo(a,h)anthracene	26.72	278	10499	0.513	ng	98
39) Benzo(g,h,i)perylene	27.51	276	10473	0.508	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. 0.00 min

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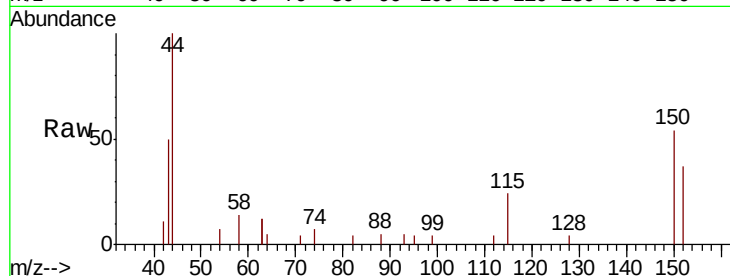
Tgt Ion:152 Resp: 972

Ion Ratio Lower Upper

152 100

150 144.8 124.2 186.4

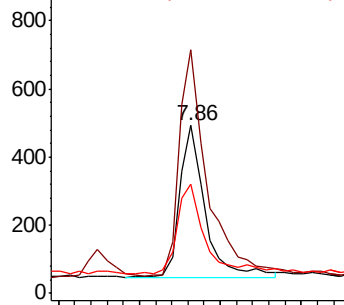
115 64.9 53.9 80.9



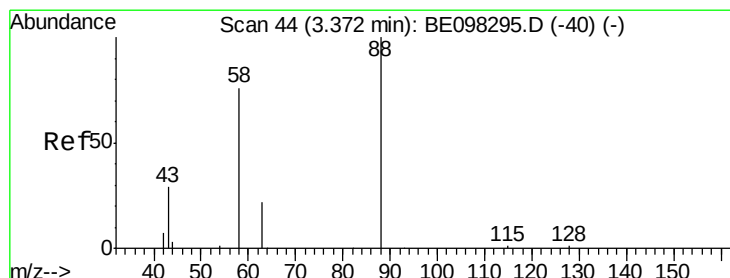
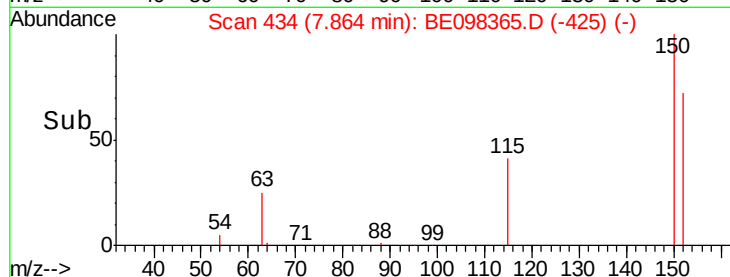
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 1.184 ng

RT: 3.37 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

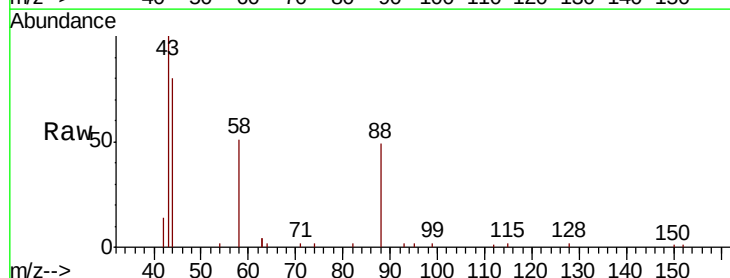
Tgt Ion: 88 Resp: 1990

Ion Ratio Lower Upper

88 100

58 92.8 75.0 112.6

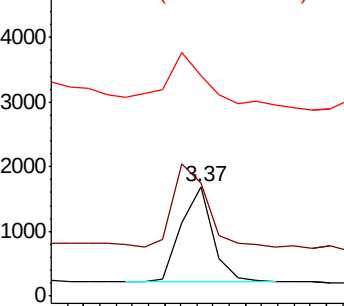
43 80.7 38.3 57.5#



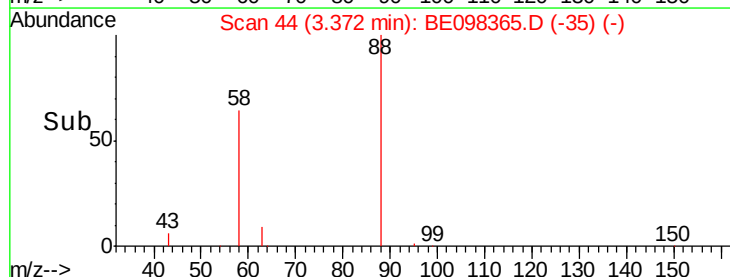
Abundance Ion 88.00 (87.70 to 88.70): BE0

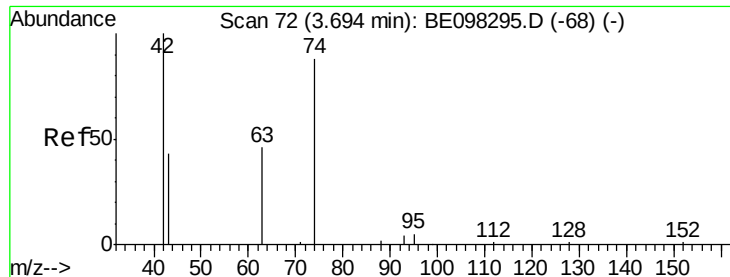
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.188 ng

RT: 3.72 min Scan# 74

Delta R.T. 0.02 min

Lab File: BE098365.D

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BNA_E

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BPS1-TT-MW303I2-20181207MSD

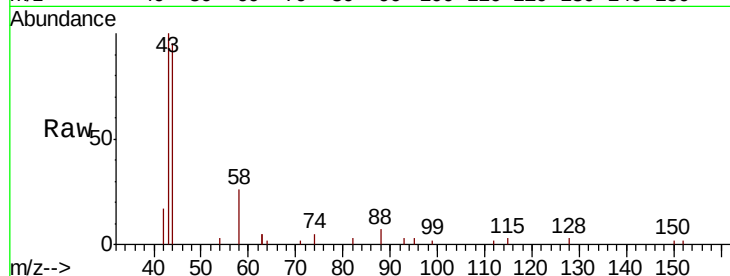
Tgt Ion: 42 Resp: 285

Ion Ratio Lower Upper

42 100

74 72.6 0.0 0.0#

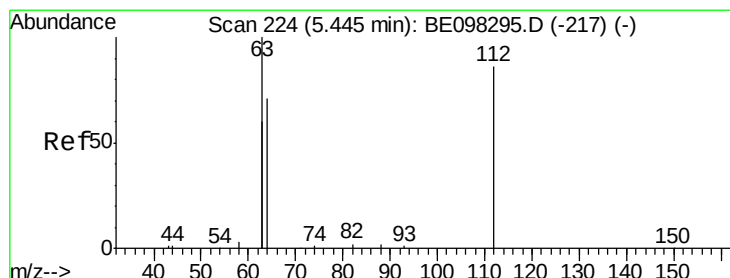
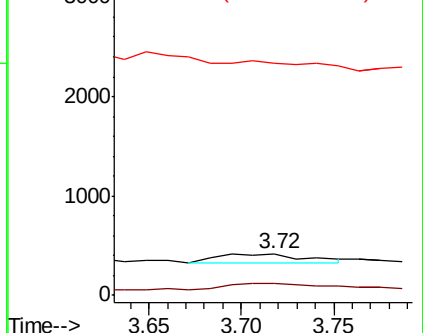
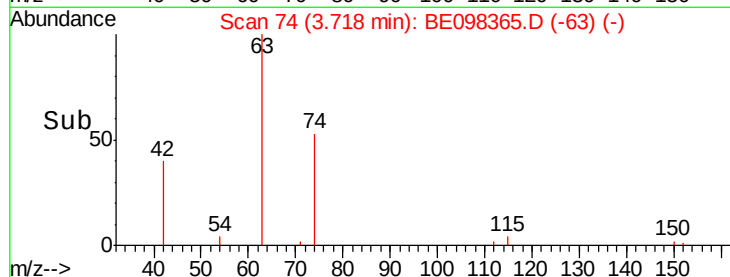
44 0.0 0.0 0.0



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: 0.174 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

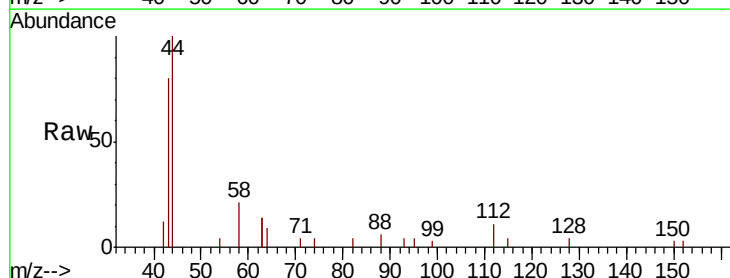
Tgt Ion: 112 Resp: 396

Ion Ratio Lower Upper

112 100

64 85.1 59.8 89.8

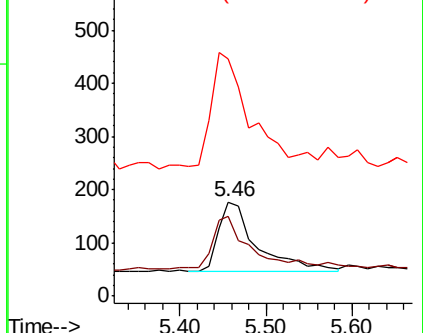
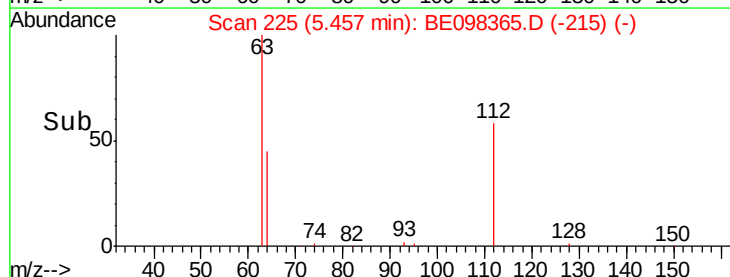
63 179.3 133.7 200.5

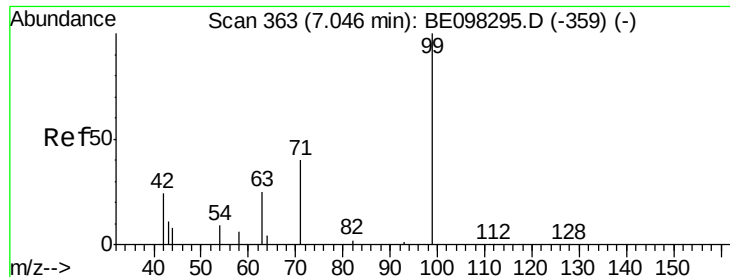


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.100 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

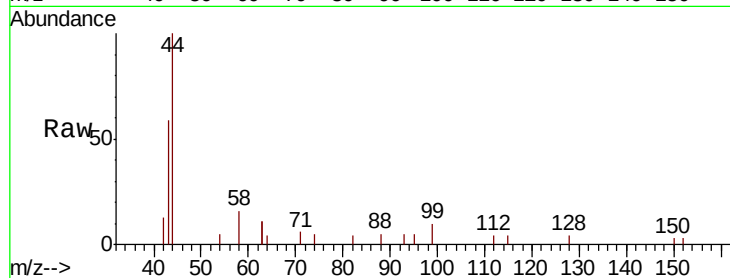
Tgt Ion: 99 Resp: 322

Ion Ratio Lower Upper

99 100

42 42.5 26.3 39.5#

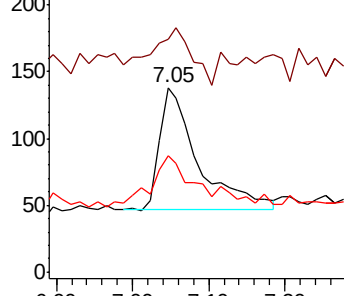
71 53.7 33.6 50.4#



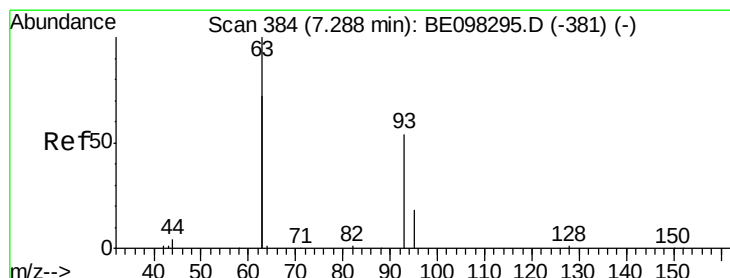
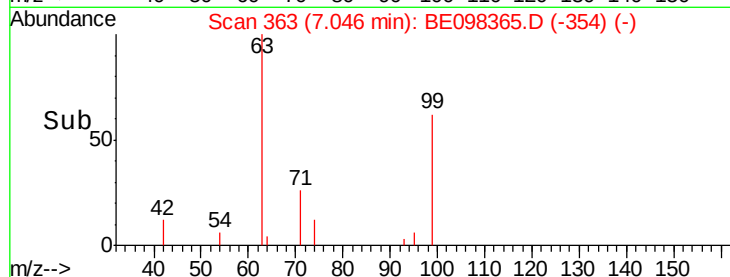
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.90 7.00 7.10 7.20



#6

bis(2-Chloroethyl)ether

Concen: 0.376 ng

RT: 7.29 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

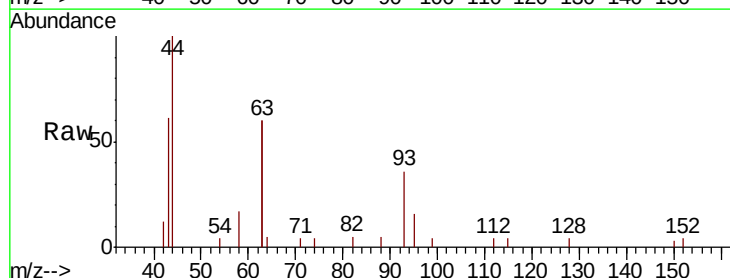
Tgt Ion: 93 Resp: 1151

Ion Ratio Lower Upper

93 100

63 359.6 264.4 396.6

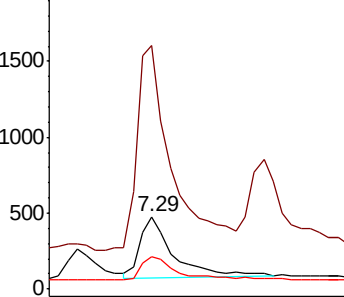
95 44.0 26.6 40.0#



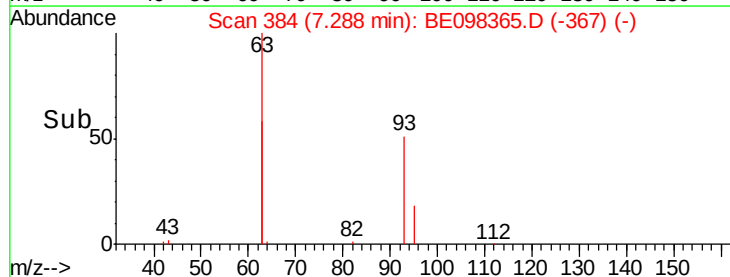
Abundance Ion 93.00 (92.70 to 93.70): BE0

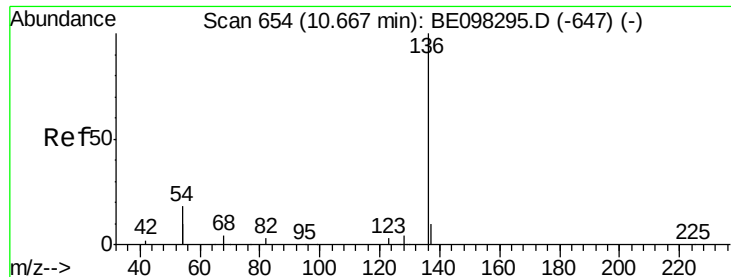
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time--> 7.20 7.30 7.40 7.50





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

Tgt Ion: 136 Resp: 3906

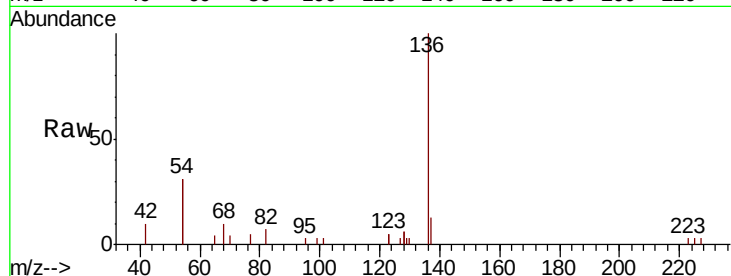
Ion Ratio Lower Upper

136 100

137 12.9 9.2 13.8

54 62.9 28.4 42.6#

68 9.8 5.4 8.0#

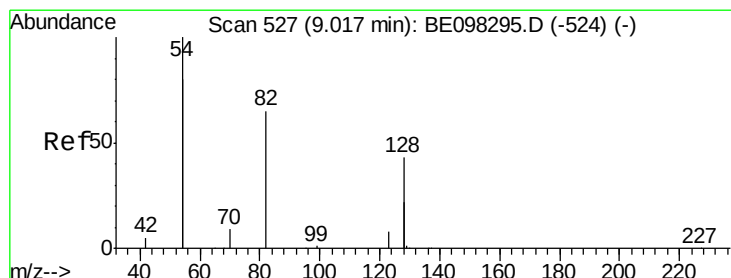
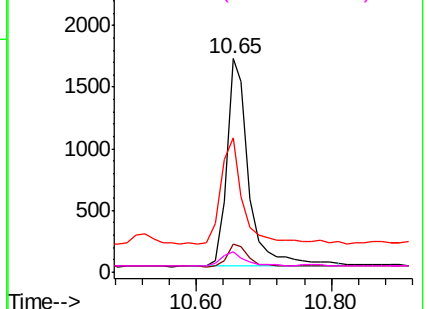
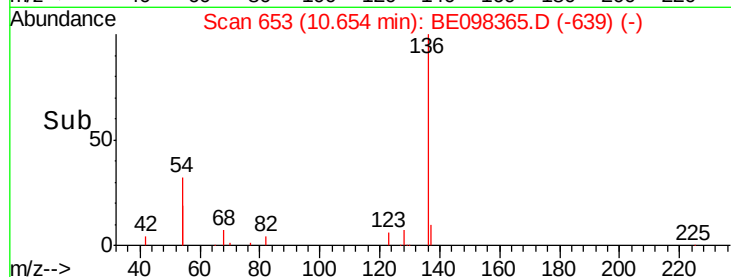


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.465 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

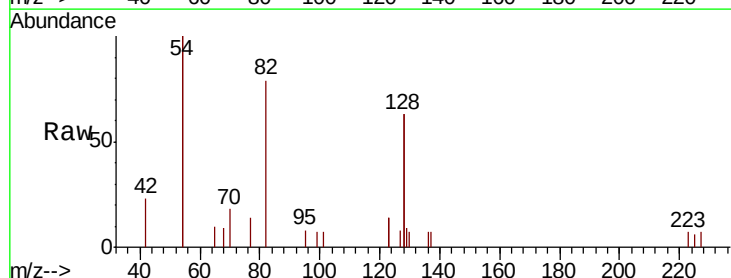
Tgt Ion: 82 Resp: 1653

Ion Ratio Lower Upper

82 100

128 161.5 102.4 153.6#

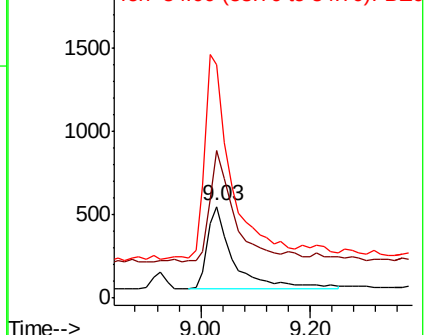
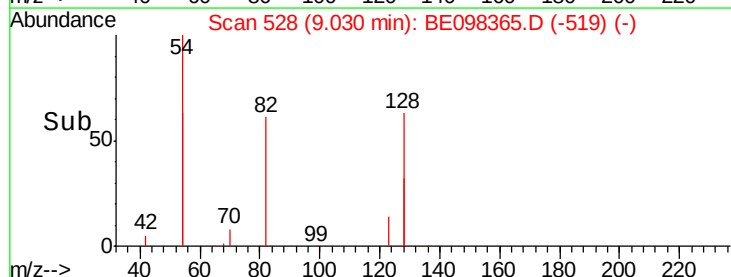
54 254.5 221.8 332.8

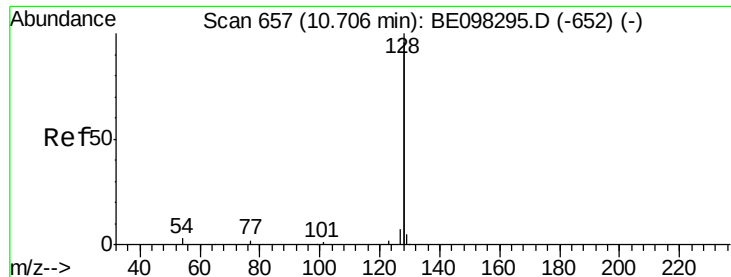


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.497 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

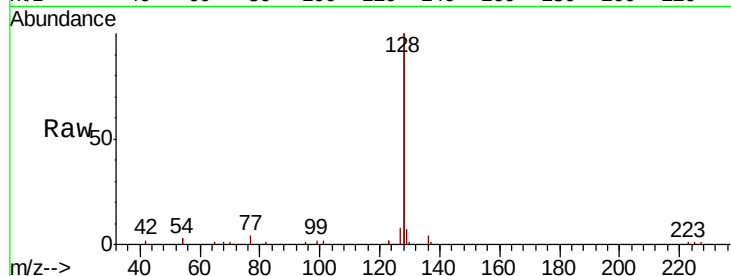
Tgt Ion:128 Resp: 19526

Ion Ratio Lower Upper

128 100

129 3.3 2.5 3.7

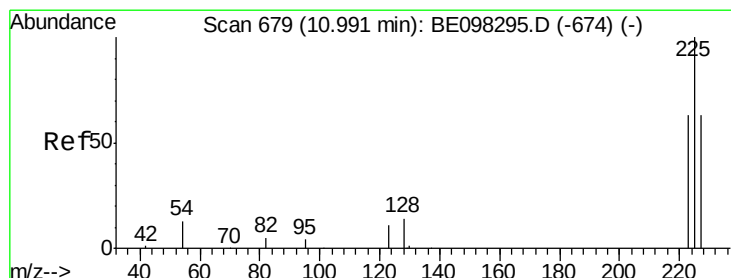
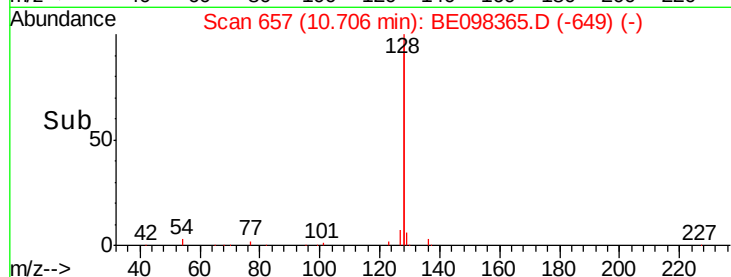
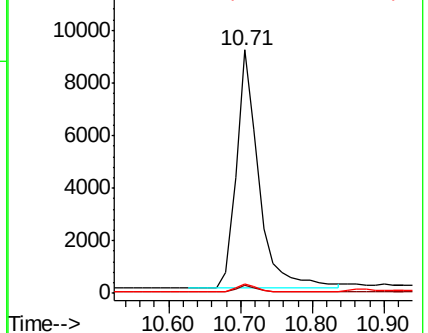
127 3.8 2.7 4.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.425 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

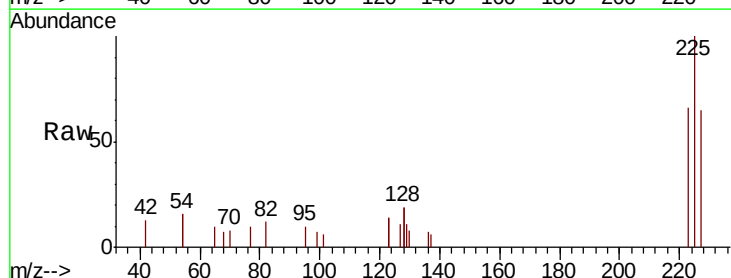
Tgt Ion:225 Resp: 1063

Ion Ratio Lower Upper

225 100

223 63.3 49.4 74.0

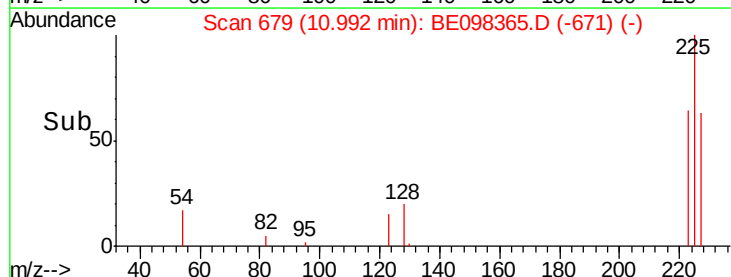
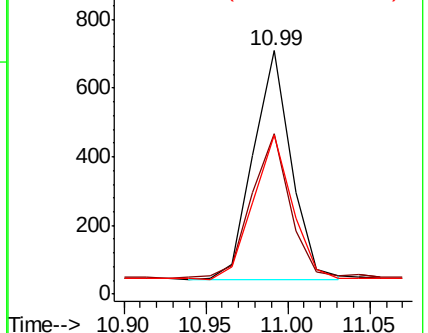
227 64.3 52.0 78.0

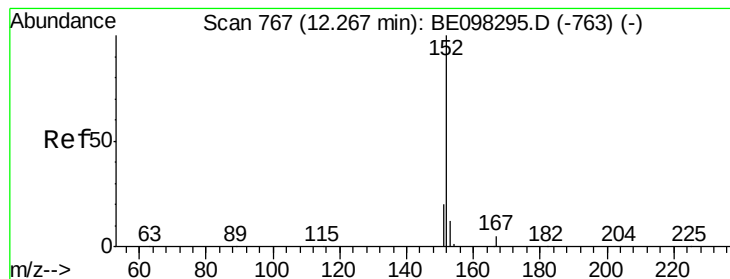


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.507 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

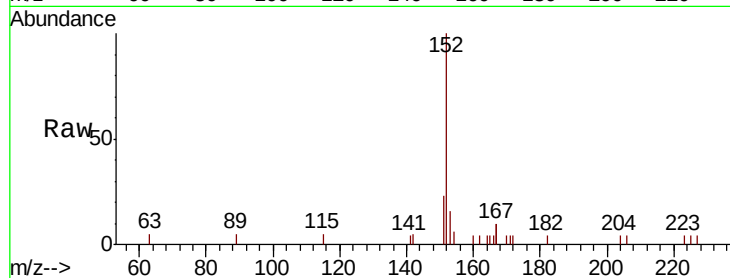
BPS1-TT-MW303I2-20181207MSD

Tgt Ion:152 Resp: 3221

Ion Ratio Lower Upper

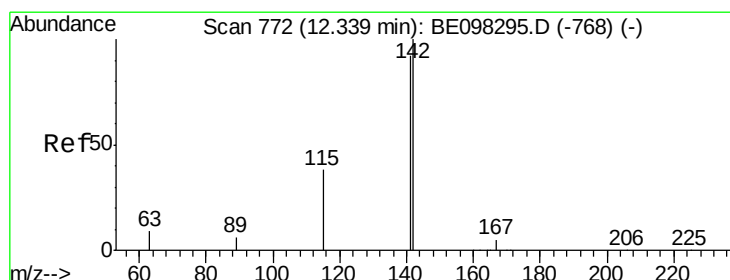
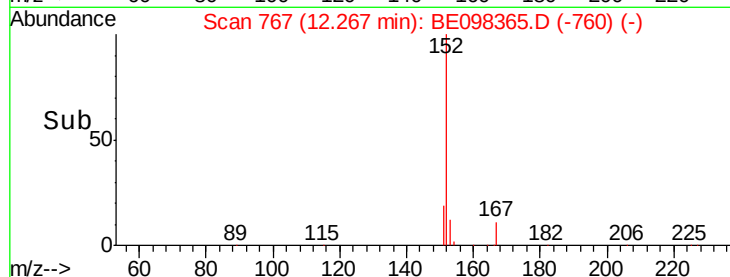
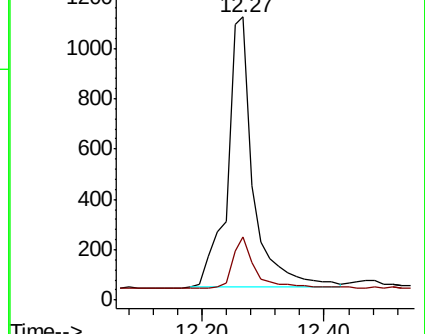
152 100

151 16.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.507 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

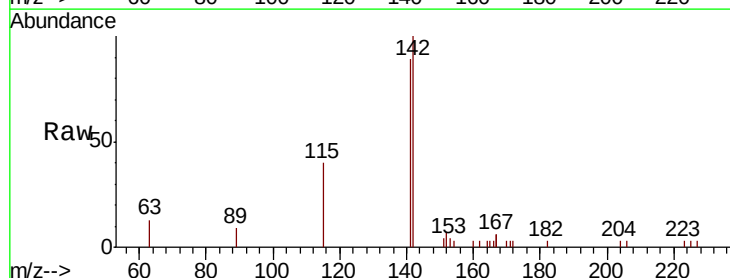
Tgt Ion:142 Resp: 3238

Ion Ratio Lower Upper

142 100

141 89.5 71.0 106.6

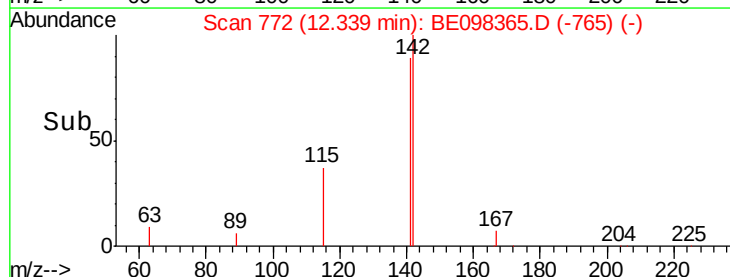
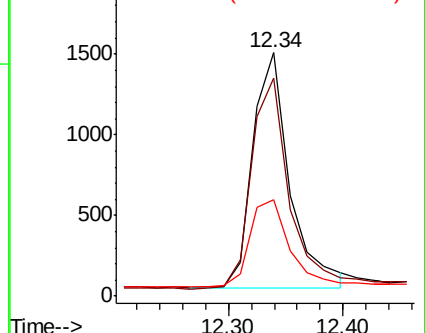
115 39.8 32.2 48.2

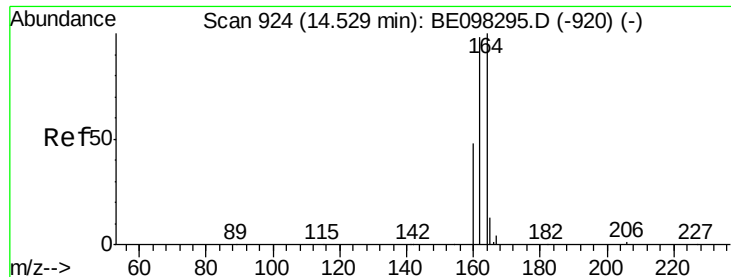


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

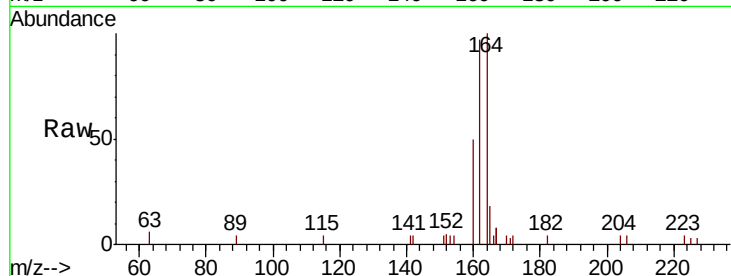




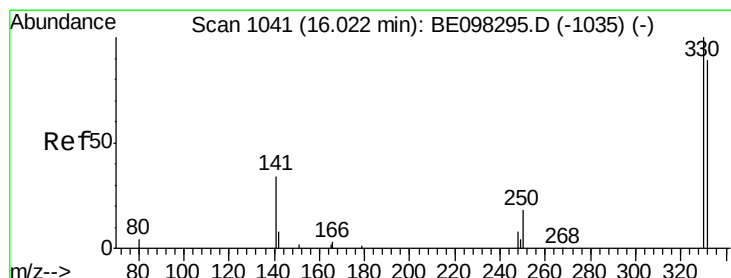
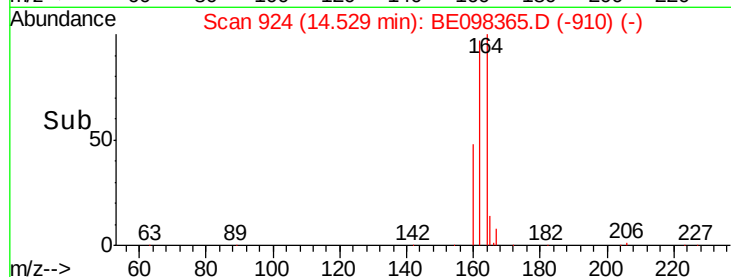
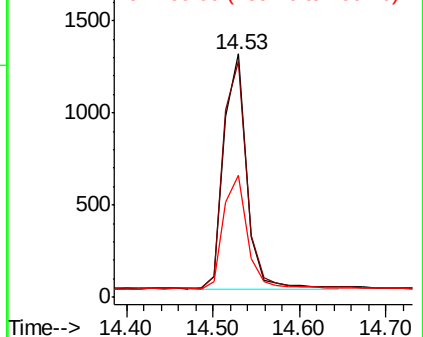
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098365.D
Acq: 12 Dec 2018 17:35

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I2-20181207MSD

Tgt Ion:164 Resp: 2342
Ion Ratio Lower Upper
164 100
162 97.0 77.6 116.4
160 50.0 36.0 54.0

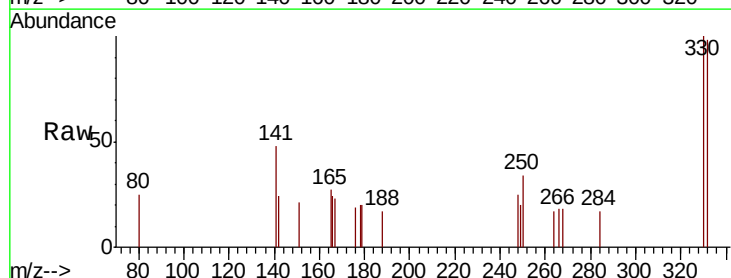


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

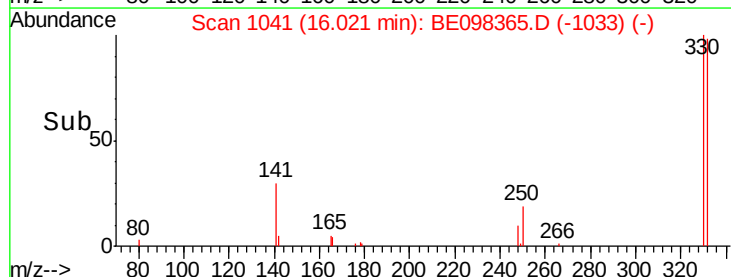
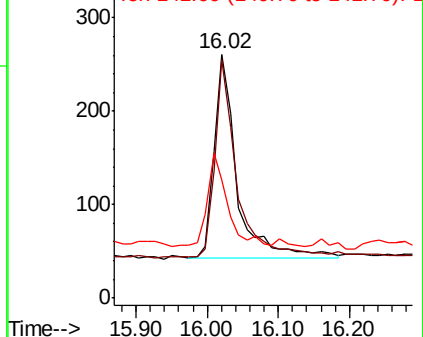


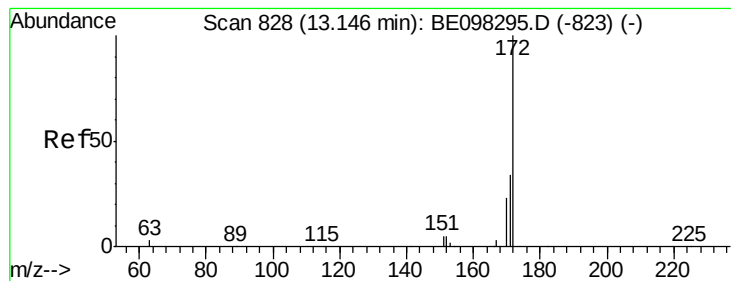
#14
2,4,6-Tribromophenol
Concen: 0.559 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098365.D
Acq: 12 Dec 2018 17:35

Tgt Ion:330 Resp: 481
Ion Ratio Lower Upper
330 100
332 92.9 76.2 114.4
141 40.5 39.0 58.4



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





#15

2-Fluorobiphenyl

Concen: 0.491 ng

RT: 13.15 min Scan# 828

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

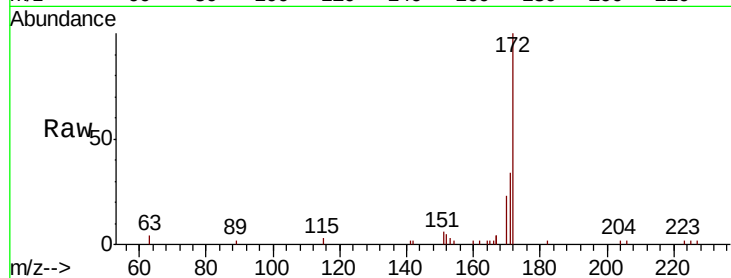
Tgt Ion:172 Resp: 4855

Ion Ratio Lower Upper

172 100

171 34.0 27.5 41.3

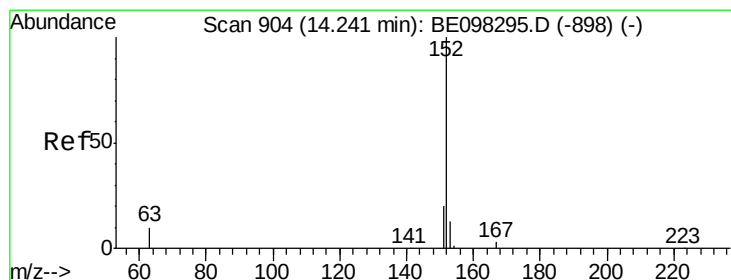
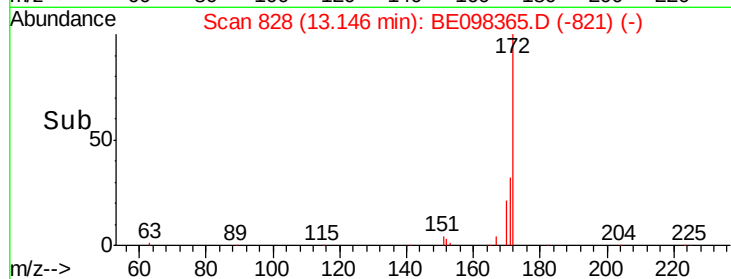
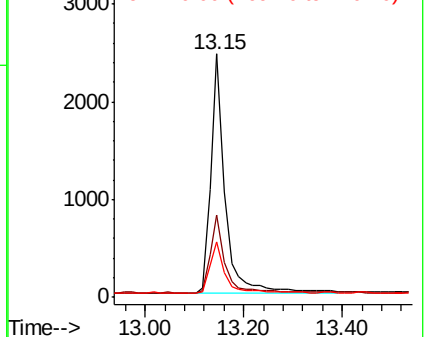
170 22.6 19.6 29.4



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: 0.516 ng

RT: 14.24 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

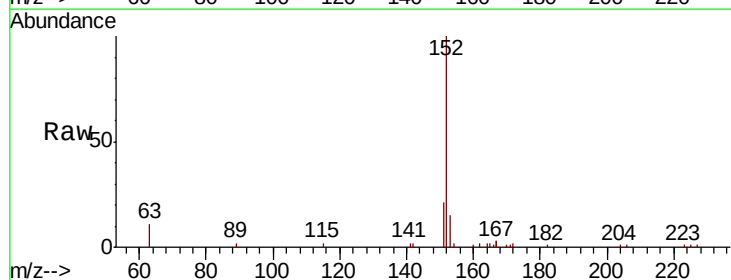
Tgt Ion:152 Resp: 5662

Ion Ratio Lower Upper

152 100

151 19.8 15.5 23.3

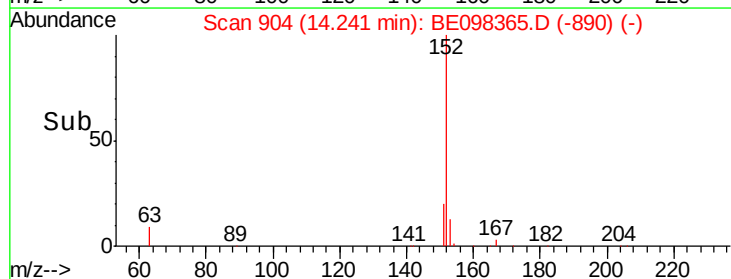
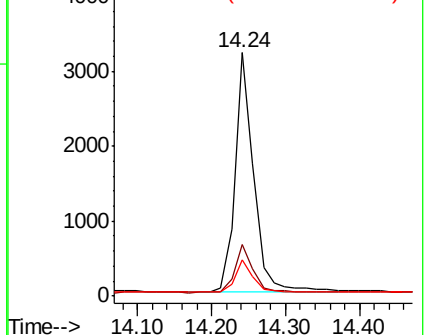
153 13.5 10.6 16.0

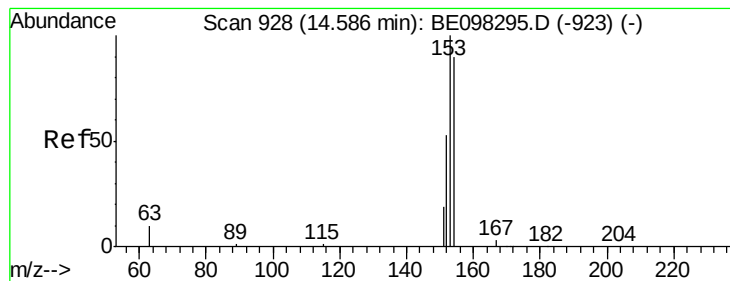


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.498 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

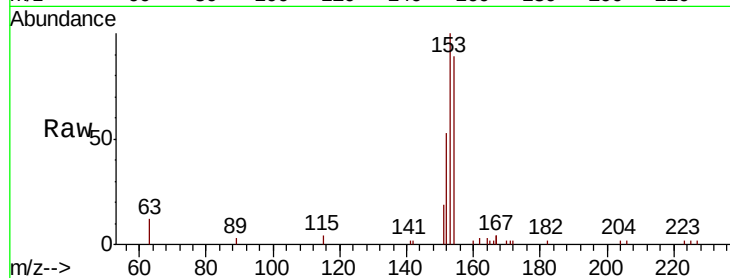
Tgt Ion:154 Resp: 3280

Ion Ratio Lower Upper

154 100

153 113.8 91.8 137.6

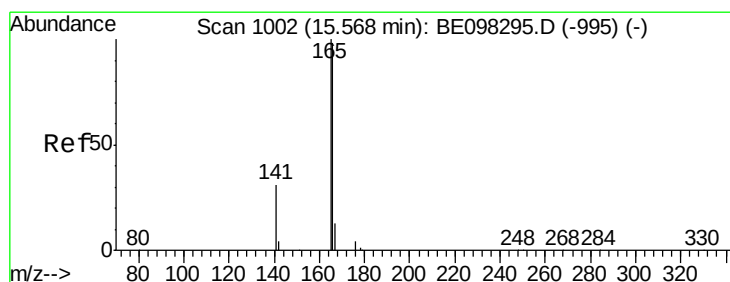
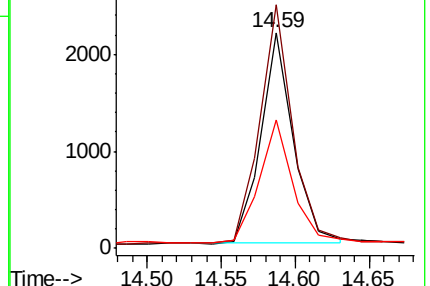
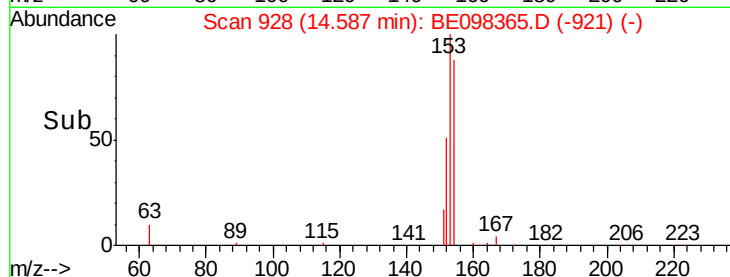
152 60.8 45.5 68.3



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: 0.516 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

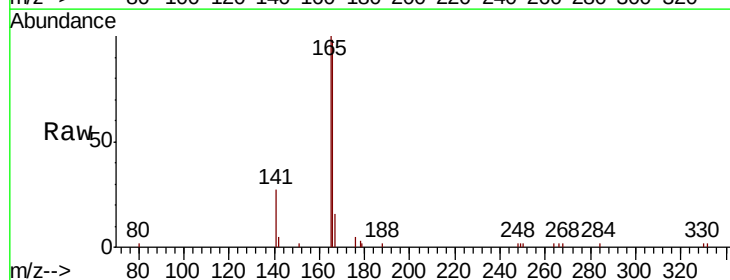
Tgt Ion:166 Resp: 4552

Ion Ratio Lower Upper

166 100

165 100.3 79.3 118.9

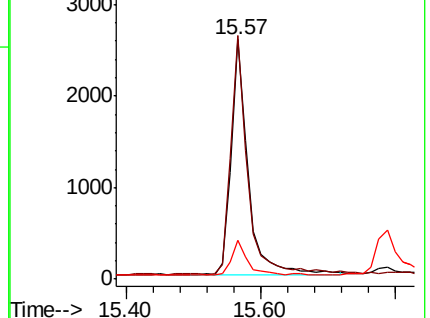
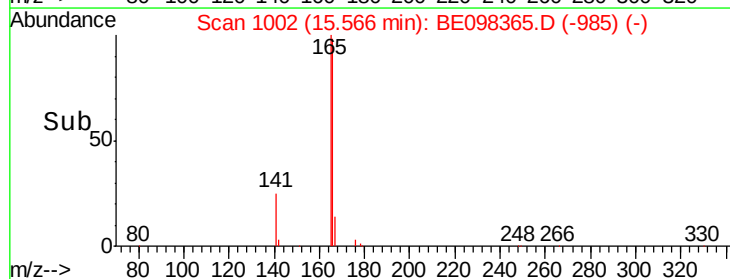
167 13.3 11.3 16.9

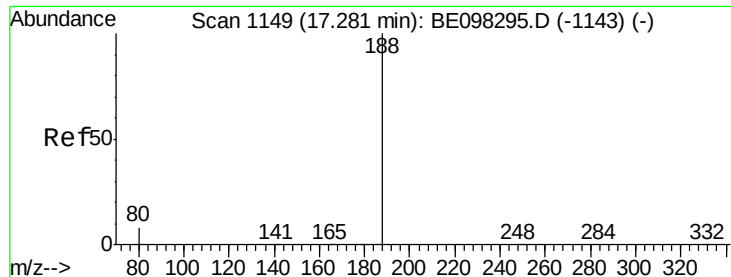


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

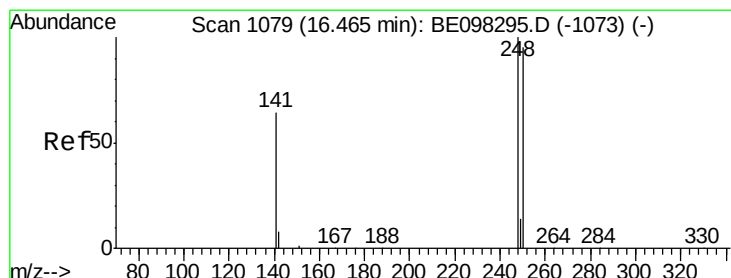
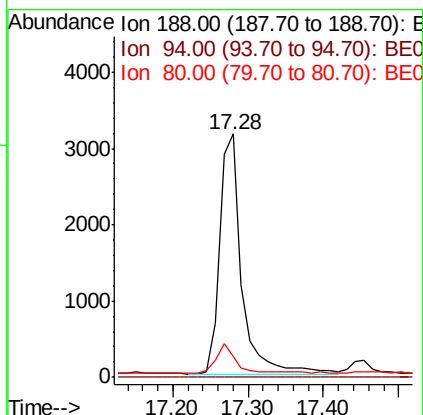
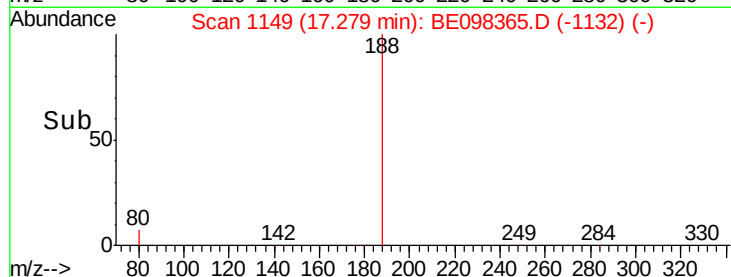
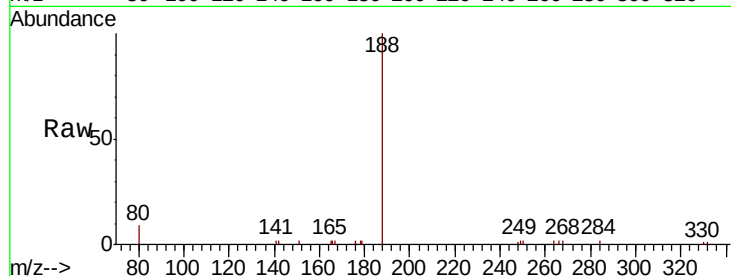
Tgt Ion:188 Resp: 6435

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 7.2 10.8



#20

4-Bromophenyl-phenylether

Concen: 0.473 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

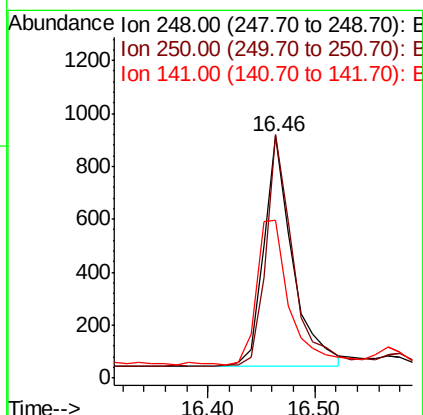
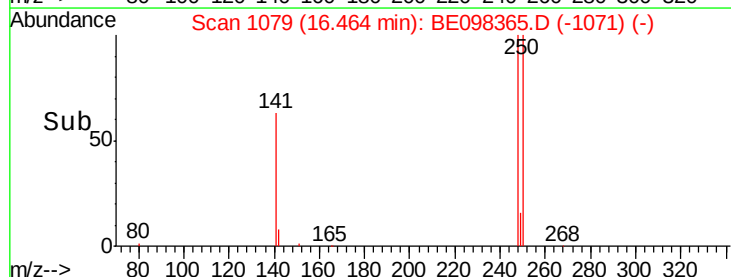
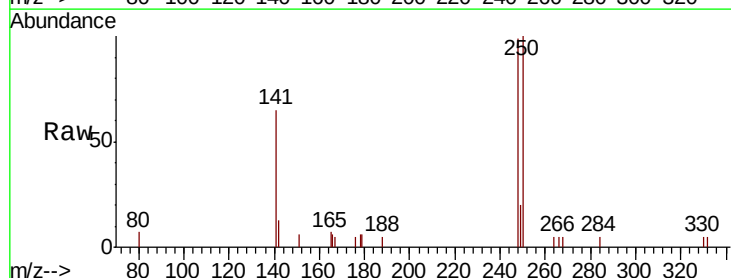
Tgt Ion:248 Resp: 1637

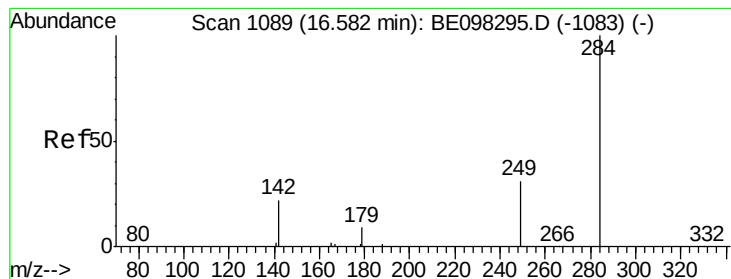
Ion Ratio Lower Upper

248 100

250 100.5 71.0 106.6

141 65.2 62.1 93.1





#21

Hexachlorobenzene

Concen: 0.444 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

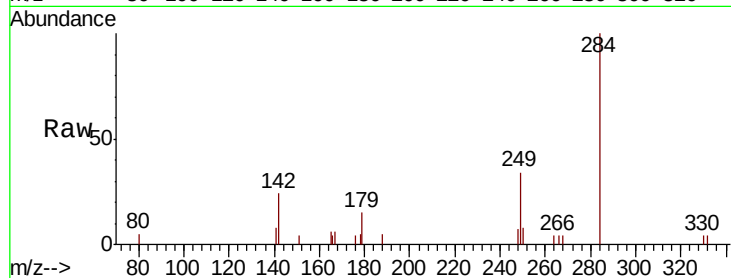
Tgt Ion:284 Resp: 1652

Ion Ratio Lower Upper

284 100

142 36.0 26.3 39.5

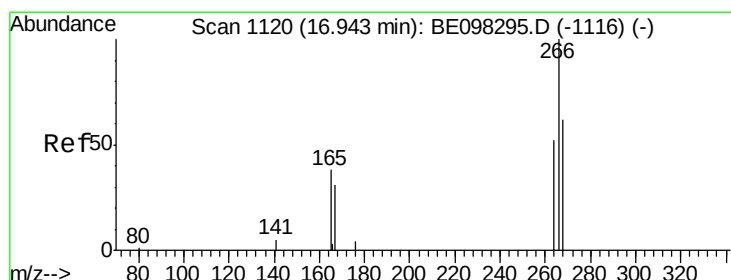
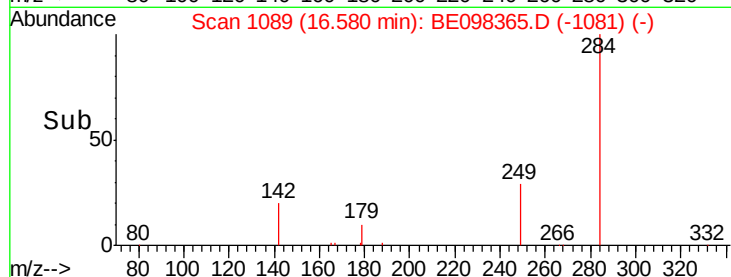
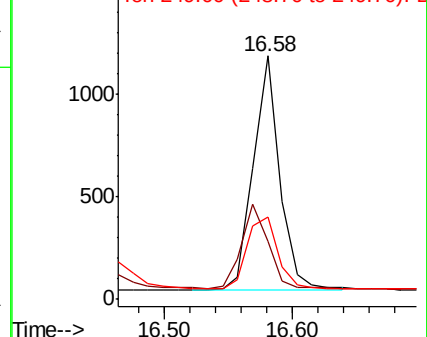
249 36.0 26.0 39.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.749 ng

RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

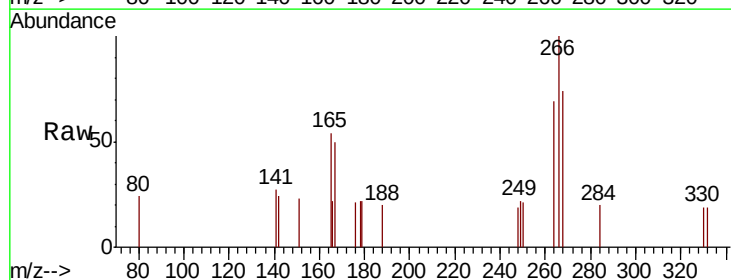
Tgt Ion:266 Resp: 503

Ion Ratio Lower Upper

266 100

264 69.2 59.0 88.4

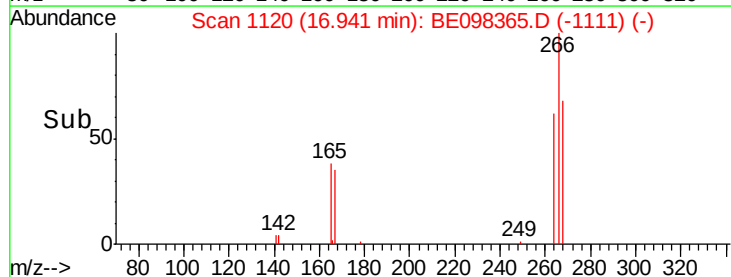
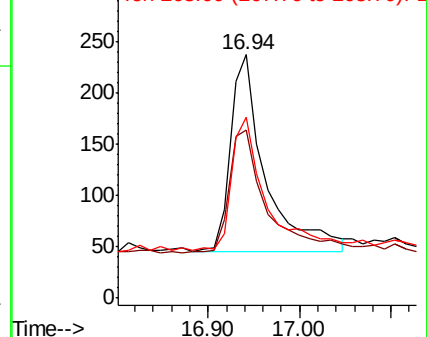
268 74.3 55.1 82.7

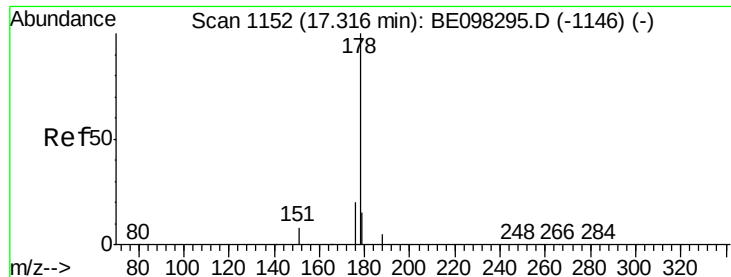


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

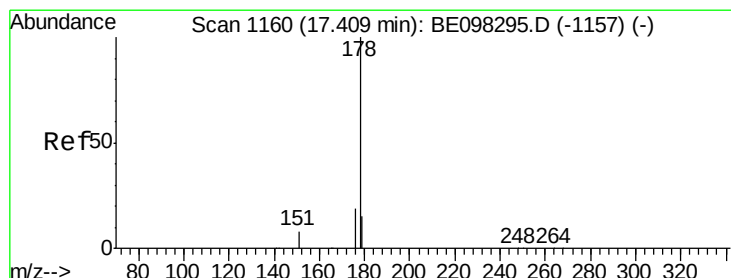
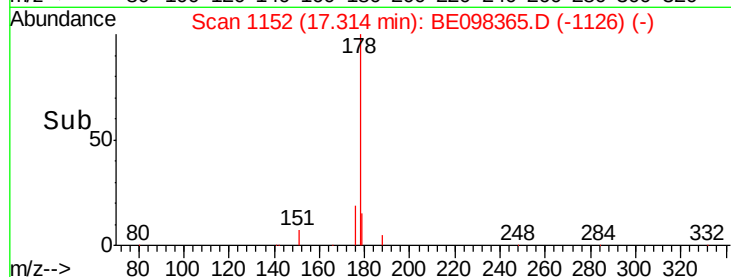
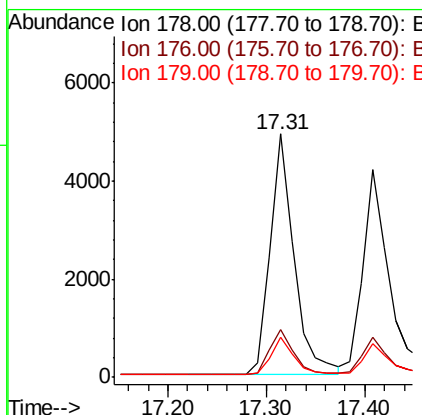
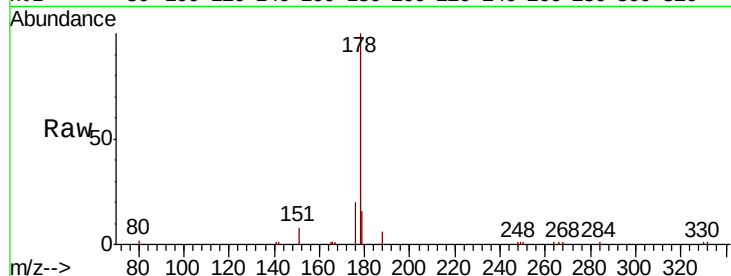




#23
Phenanthrene
Concen: 0.532 ng
RT: 17.31 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE098365.D
Acq: 12 Dec 2018 17:35

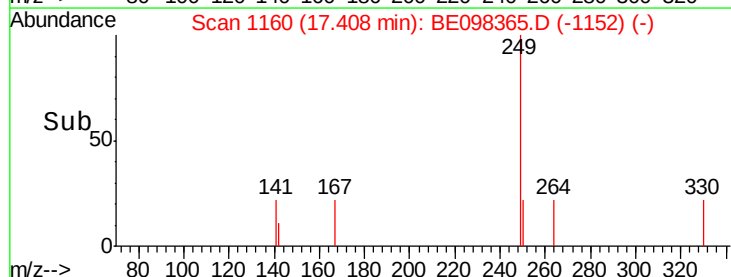
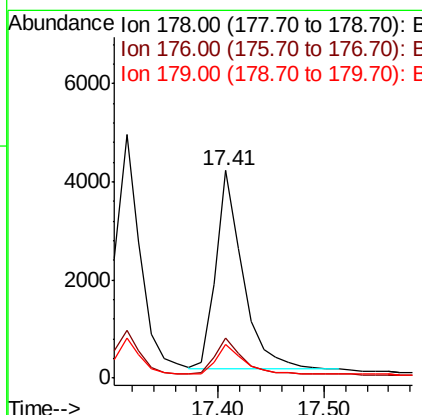
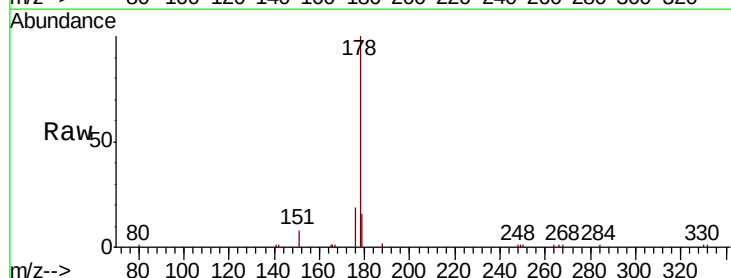
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I2-20181207MSD

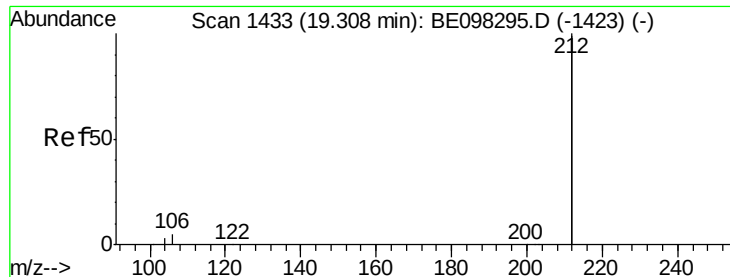
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.0	12.3	18.5



#24
Anthracene
Concen: 0.514 ng
RT: 17.41 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BE098365.D
Acq: 12 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.0	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.495 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

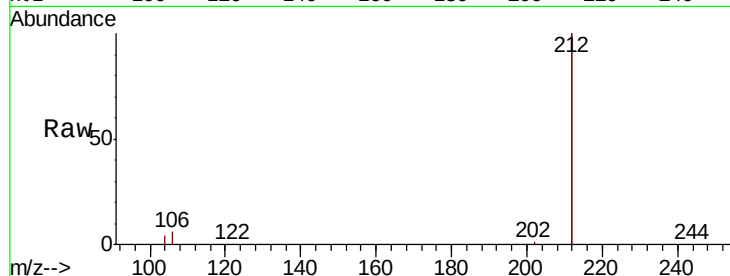
Tgt Ion:212 Resp: 40841

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

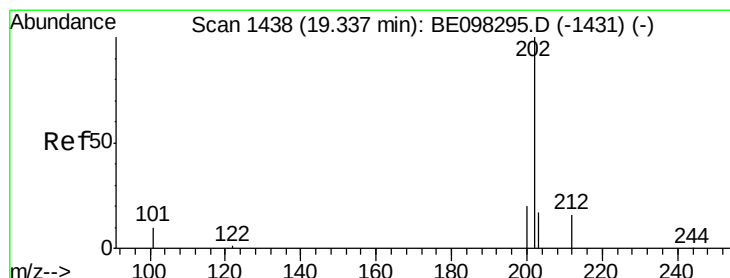
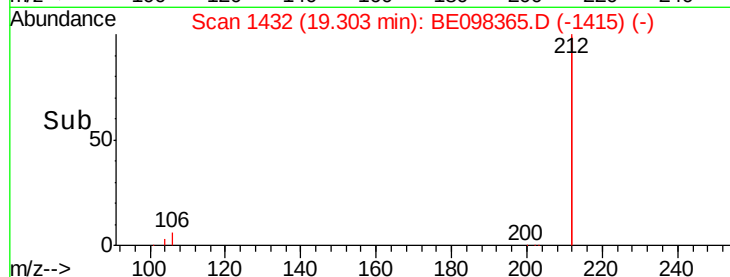
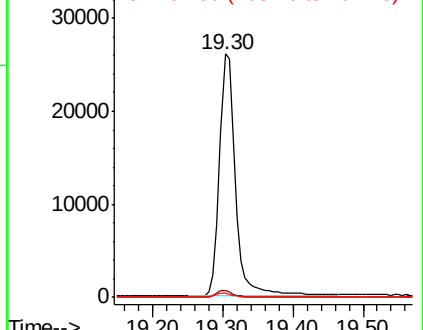
104 1.6 1.3 1.9



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: 0.556 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

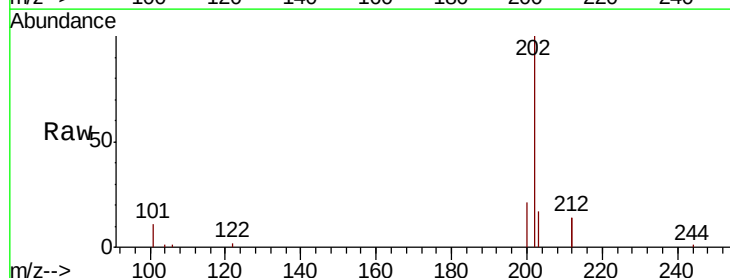
Tgt Ion:202 Resp: 11511

Ion Ratio Lower Upper

202 100

101 9.8 8.0 12.0

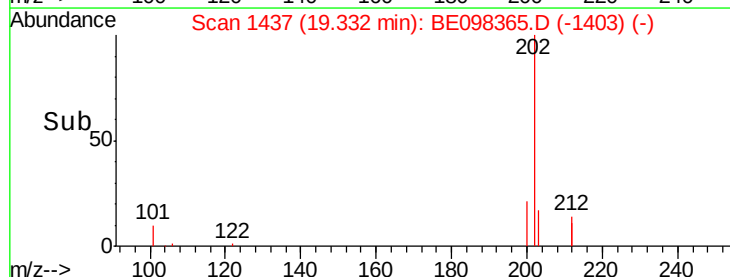
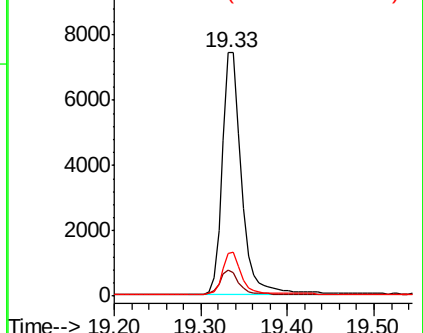
203 16.6 13.8 20.6

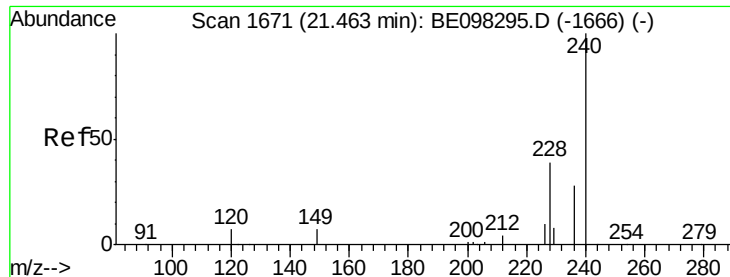


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

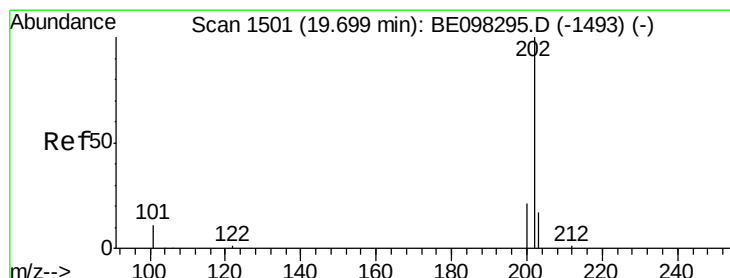
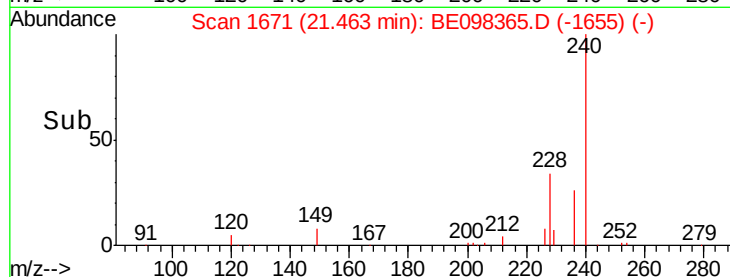
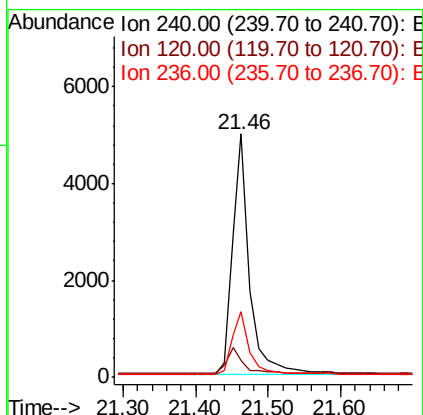
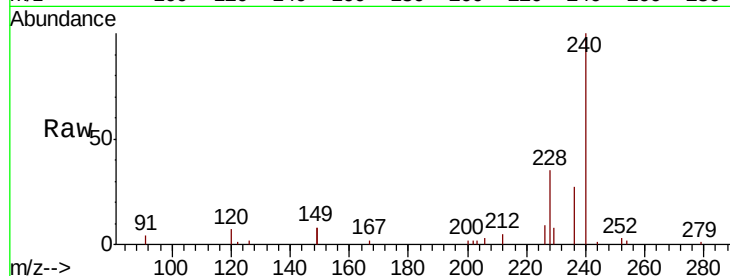




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098365.D
Acq: 12 Dec 2018 17:35

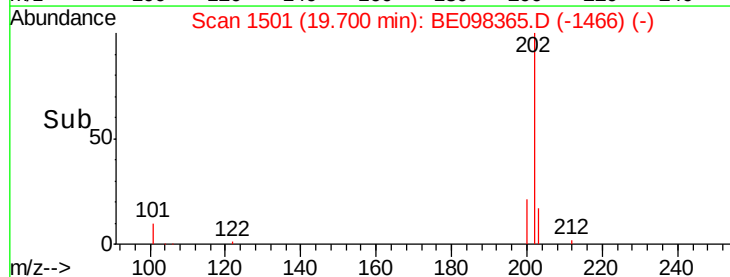
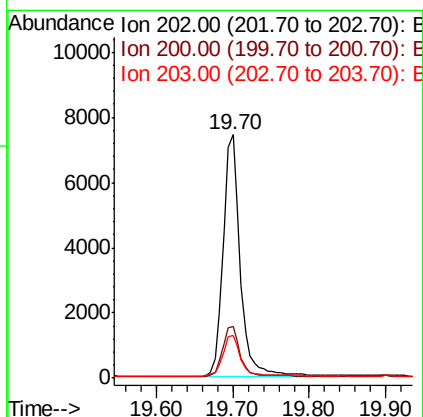
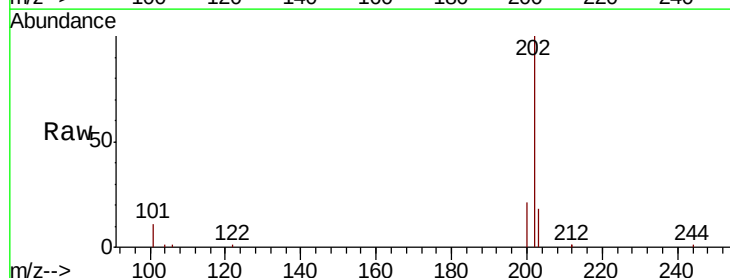
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW303I2-20181207MSD

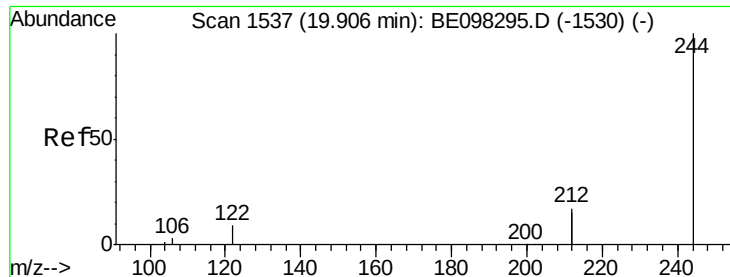
Tgt Ion:240 Resp: 8328
Ion Ratio Lower Upper
240 100
120 7.0 9.5 14.3#
236 27.2 22.7 34.1



#28
Pyrene
Concen: 0.444 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098365.D
Acq: 12 Dec 2018 17:35

Tgt Ion:202 Resp: 11589
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 0.730 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

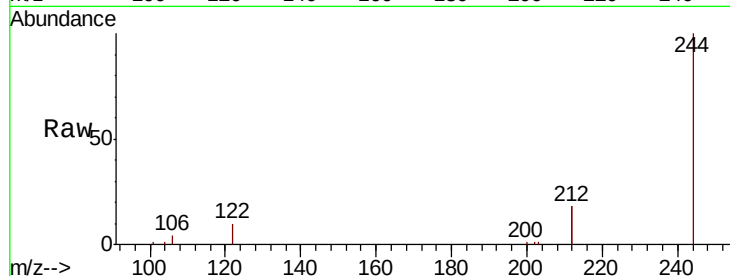
Tgt Ion:244 Resp: 14777

Ion Ratio Lower Upper

244 100

212 35.2 27.4 41.0

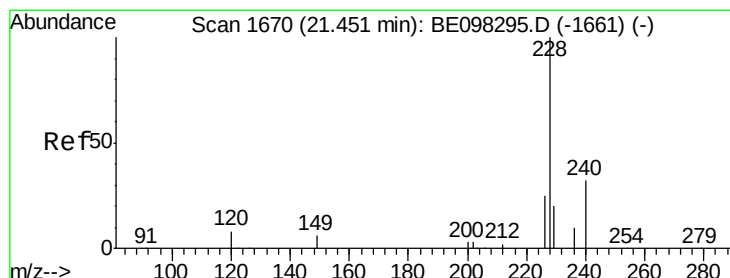
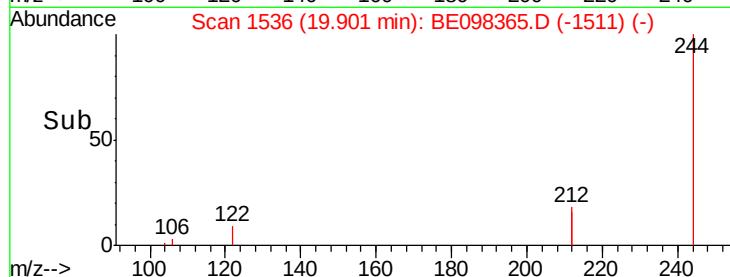
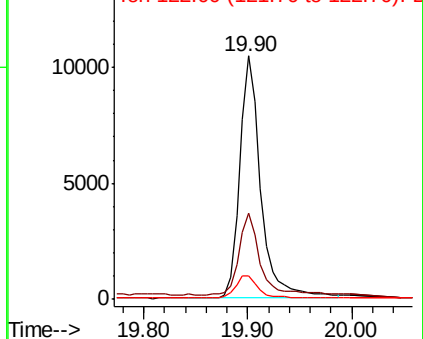
122 9.8 8.3 12.5



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: 0.512 ng

RT: 21.44 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

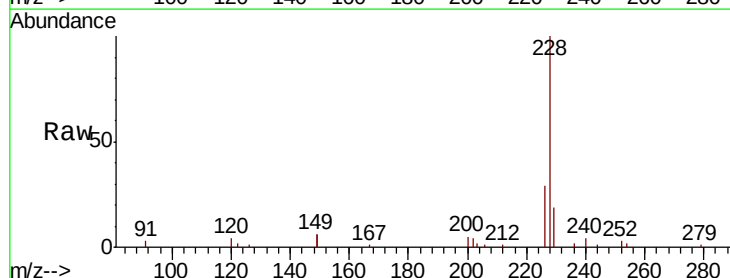
Tgt Ion:228 Resp: 12140

Ion Ratio Lower Upper

228 100

226 28.6 21.8 32.8

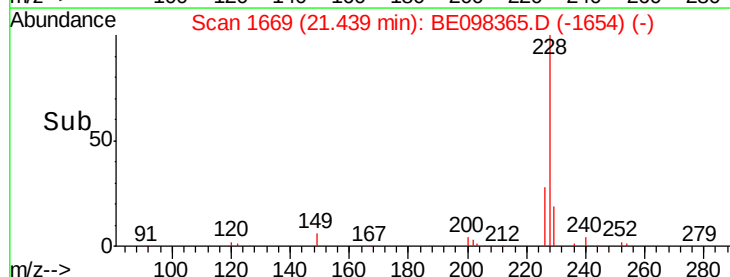
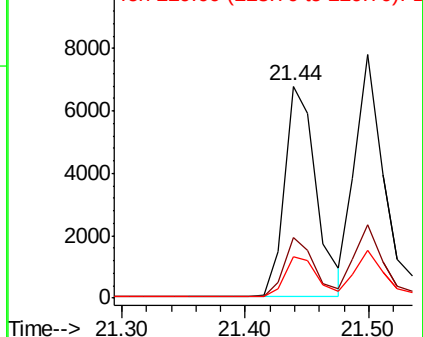
229 19.3 16.3 24.5

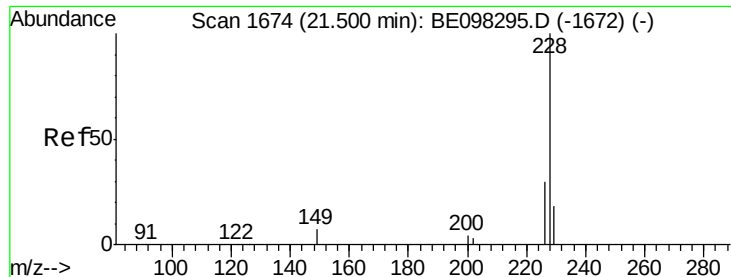


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.500 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

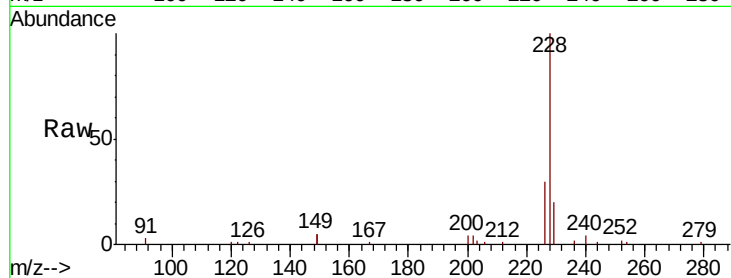
Tgt Ion:228 Resp: 12426

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

229 19.6 16.2 24.4

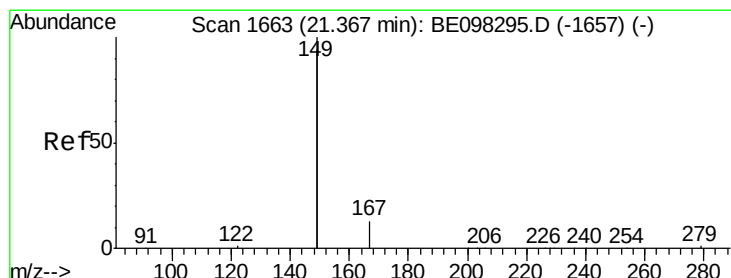
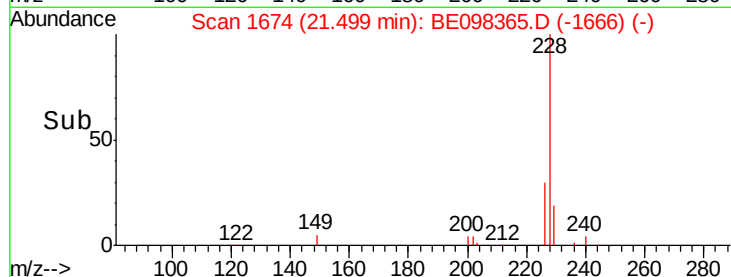
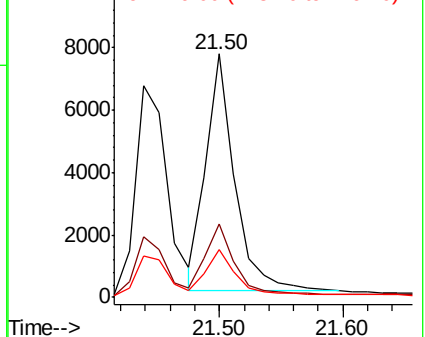


Abundance

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: 0.512 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

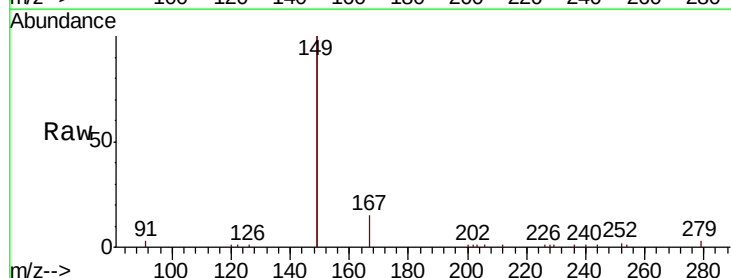
Tgt Ion:149 Resp: 24645

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

279 1.0 1.0 1.4

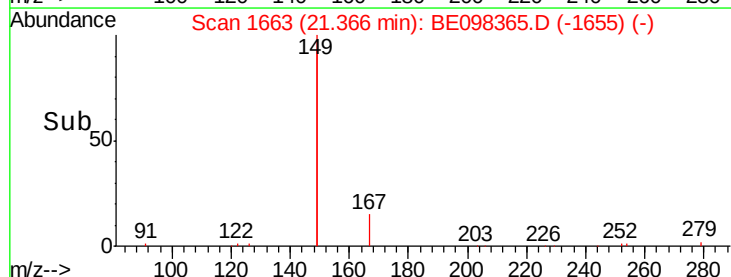
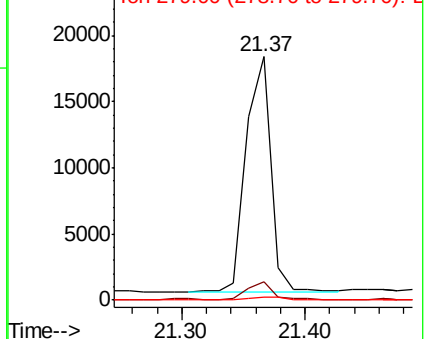


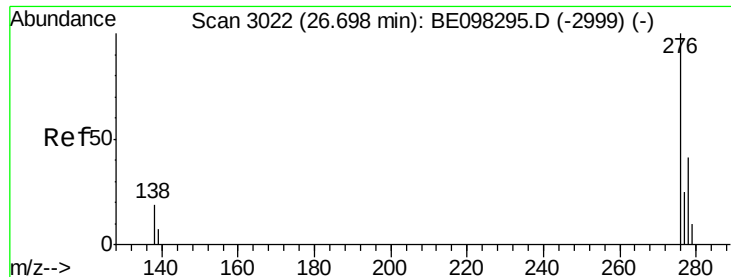
Abundance

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

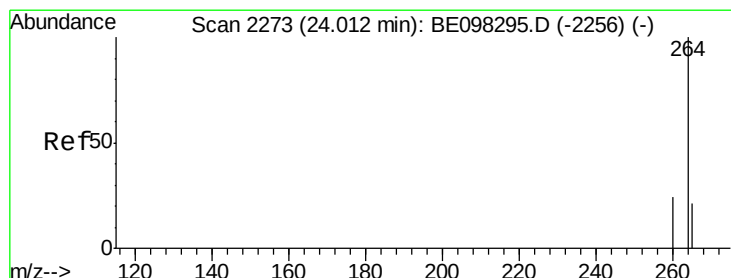
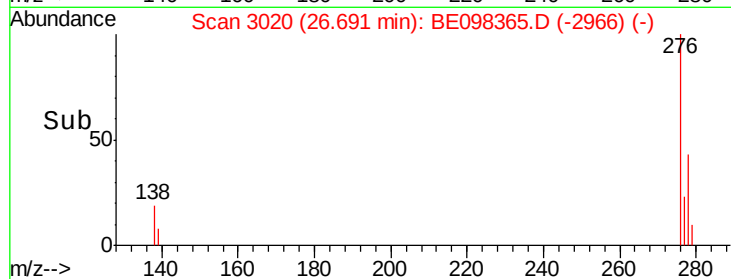
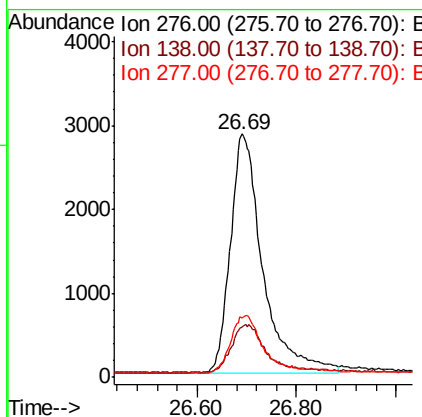
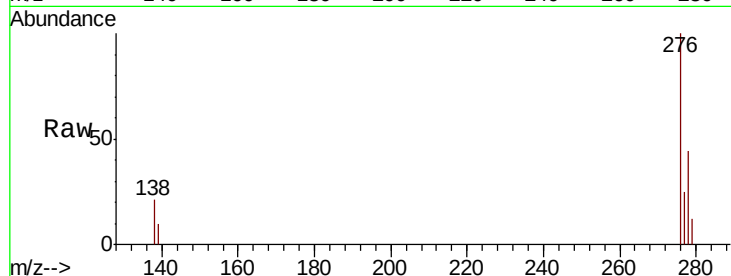




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.522 ng
 RT: 26.69 min Scan# 3020
 Delta R.T. -0.01 min
 Lab File: BE098365.D
 Acq: 12 Dec 2018 17:35

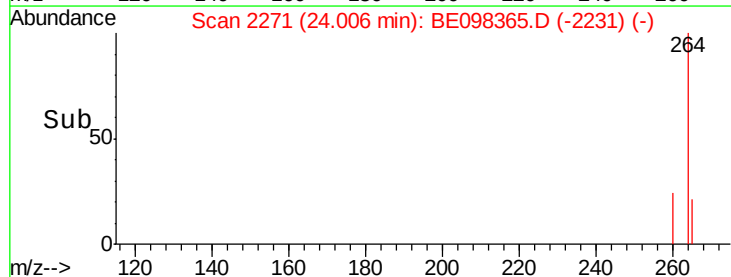
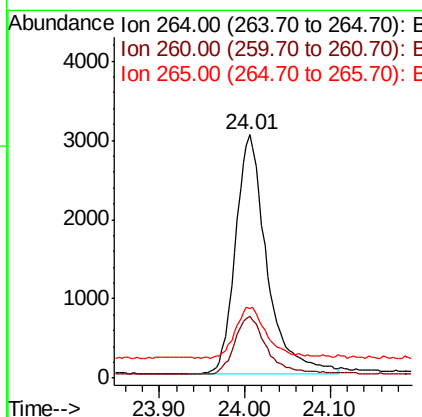
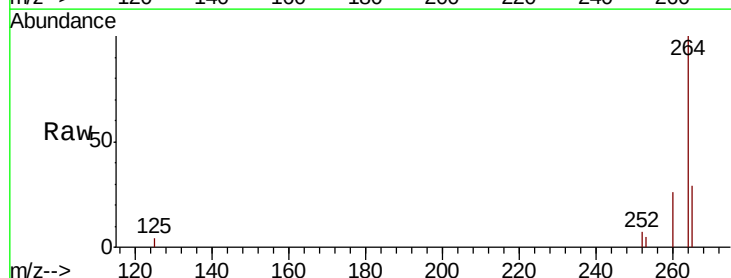
Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MSD

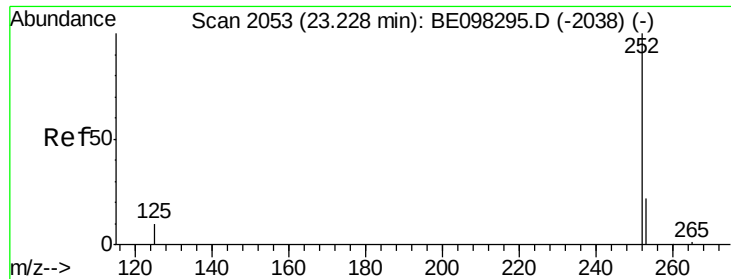
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.3	24.5
277	23.9	20.2	30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098365.D
 Acq: 12 Dec 2018 17:35

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.2	30.2
265	28.8	25.2	37.8





#35

Benzo(b)fluoranthene

Concen: 0.547 ng

RT: 23.22 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

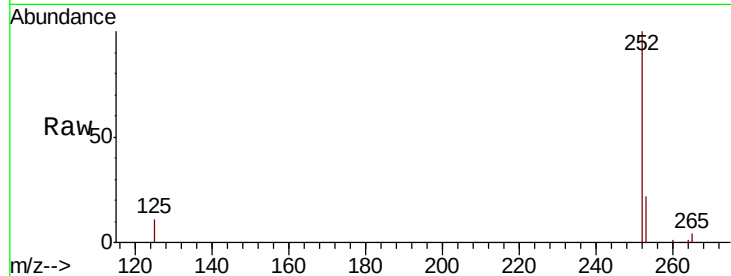
Tgt Ion:252 Resp: 11527

Ion Ratio Lower Upper

252 100

253 22.5 20.0 30.0

125 10.6 9.6 14.4

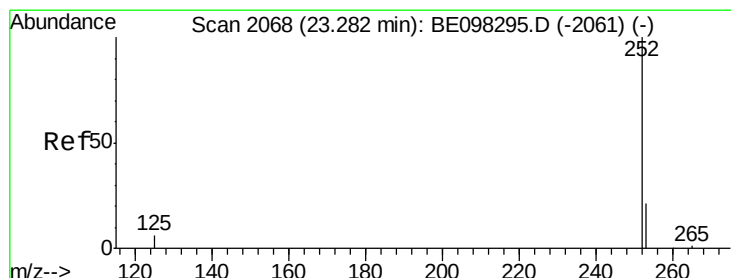
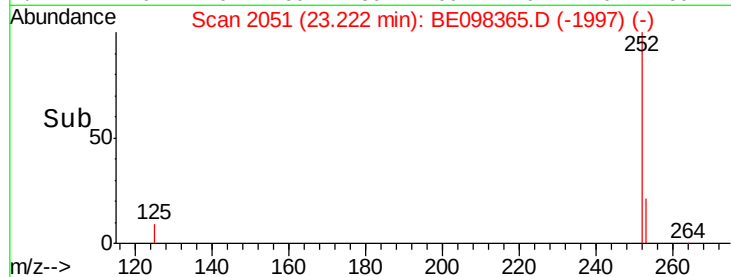
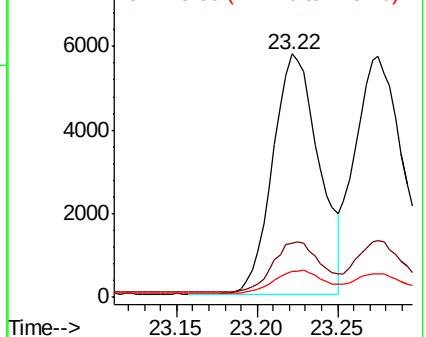


Abundance

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: 0.559 ng

RT: 23.28 min Scan# 2066

Delta R.T. -0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

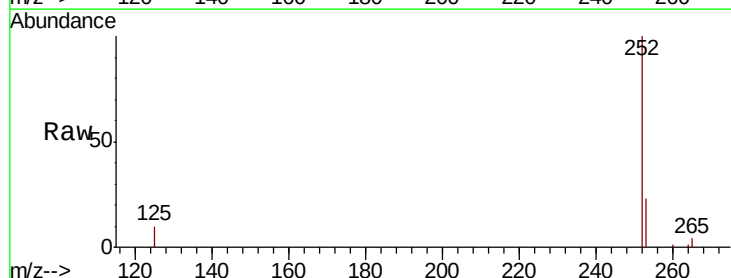
Tgt Ion:252 Resp: 13717

Ion Ratio Lower Upper

252 100

253 23.4 19.0 28.6

125 9.8 9.1 13.7

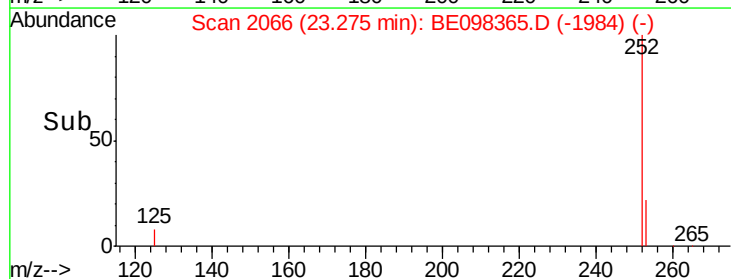
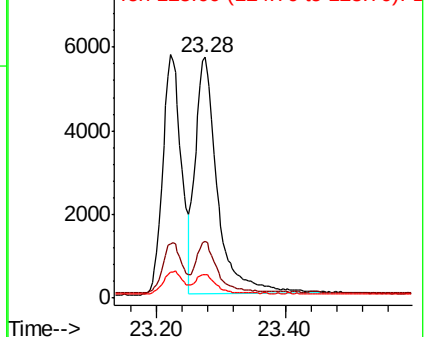


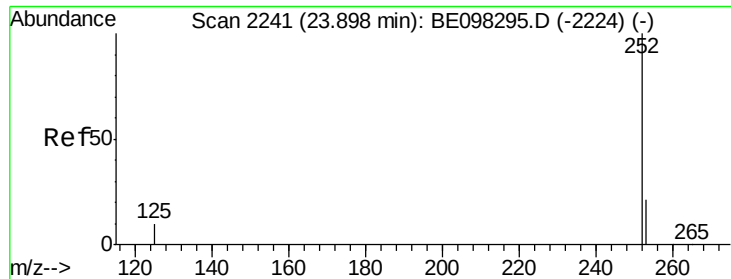
Abundance

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: 0.535 ng

RT: 23.89 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

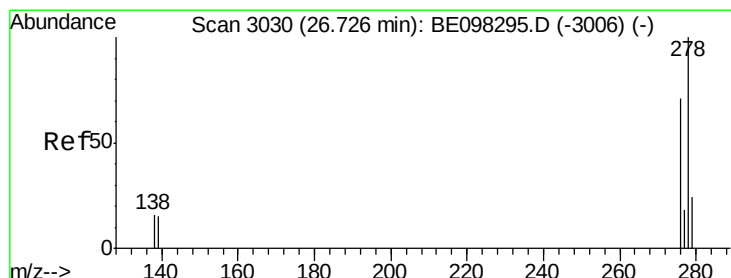
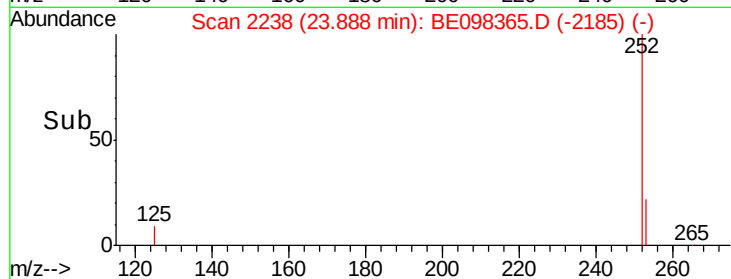
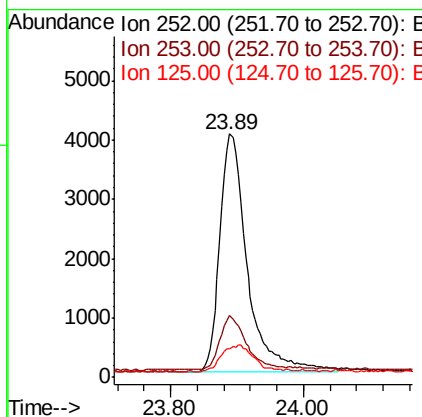
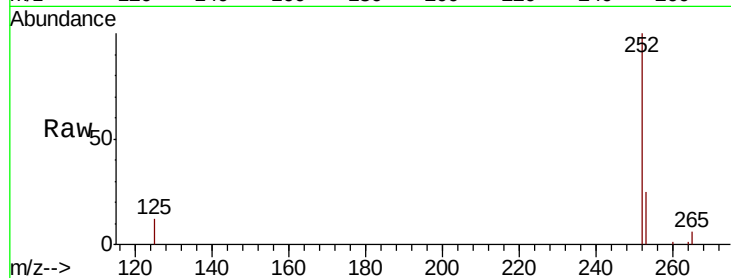
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD

Tgt Ion:	252	Resp:	11631
Ion Ratio	Lower	Upper	
252	100		
253	25.2	20.6	30.8
125	11.8	10.5	15.7



#38

Dibenzo(a,h)anthracene

Concen: 0.513 ng

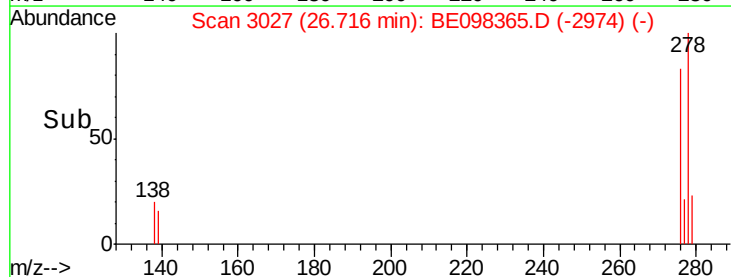
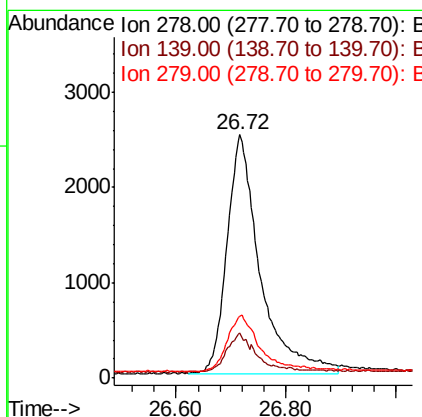
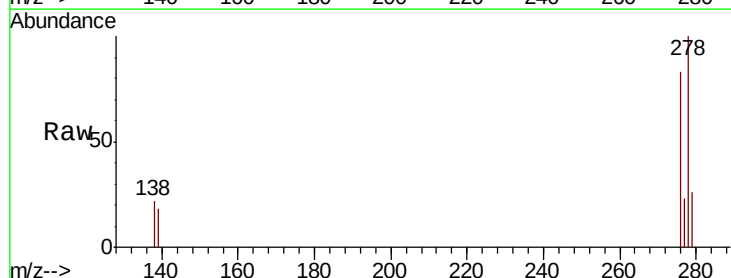
RT: 26.72 min Scan# 3027

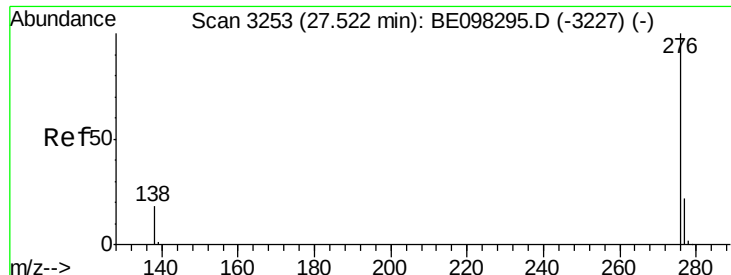
Delta R.T. -0.01 min

Lab File: BE098365.D

Acq: 12 Dec 2018 17:35

Tgt Ion:	278	Resp:	10499
Ion Ratio	Lower	Upper	
278	100		
139	18.5	14.5	21.7
279	25.5	21.8	32.8





#39

Benzo(g,h,i)perylene

Concen: 0.508 ng

RT: 27.51 min Scan# 3251

Delta R.T. -0.01 min

Lab File: BE098365.D

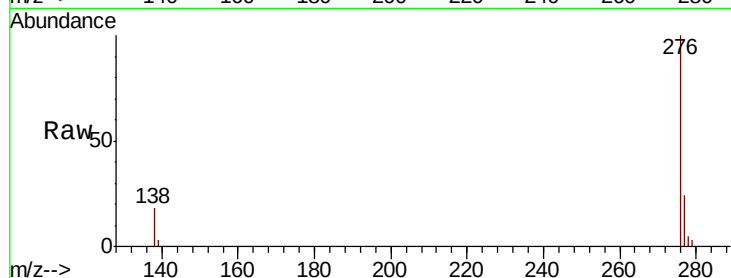
Acq: 12 Dec 2018 17:35

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW303I2-20181207MSD



Tgt Ion: 276 Resp: 10473

Ion Ratio Lower Upper

276 100

277 24.3 20.8 31.2

138 18.3 15.8 23.6

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

