

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121018\
 Data File : BE098308.D
 Acq On : 10 Dec 2018 21:16
 Operator : SJ/JU
 Sample : J6259-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20181205

Quant Time: Dec 11 00:49:00 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	1363	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5654	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3666	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9663	0.40	ng	0.00
27) Chrysene-d12	21.46	240	12440	0.40	ng	0.00
34) Perylene-d12	24.01	264	12045	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.45	112	500	0.16	ng	0.00
5) Phenol-d6	7.04	99	415	0.09	ng	0.00
8) Nitrobenzene-d5	9.03	82	1945	0.38	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3561	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	529	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7291	0.47	ng	0.00
25) Fluoranthene-d10	19.31	212	55399	0.45	ng	0.00
29) Terphenyl-d14	19.91	244	12072	0.40	ng	0.00

Target Compounds

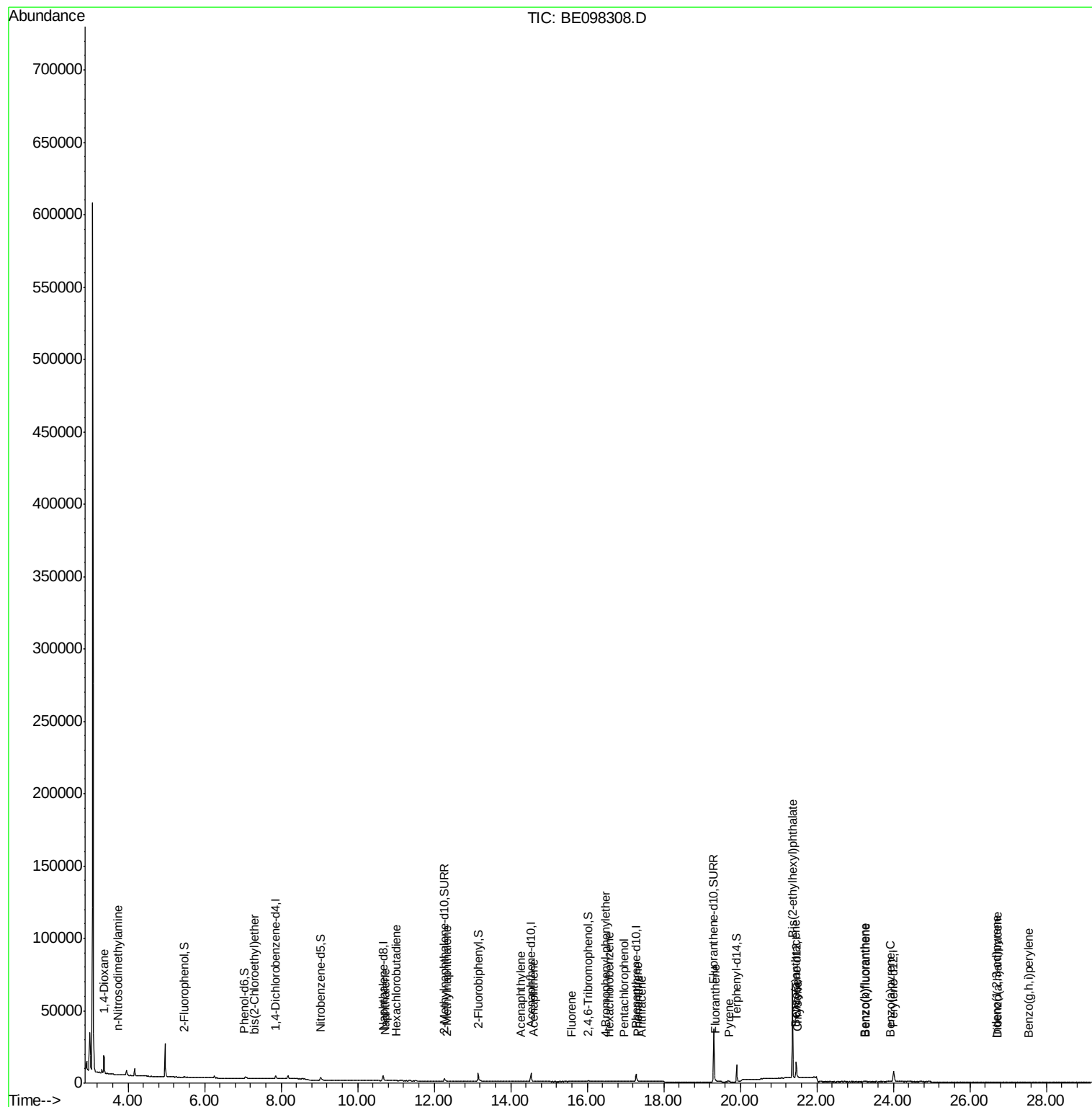
					Qvalue	
2) 1,4-Dioxane	3.37	88	7501	3.182	ng	99
3) n-Nitrosodimethylamine	3.73	42	64	0.030	ng	# 100
6) bis(2-Chloroethyl)ether	7.31	93	18	0.004	ng	# 1
9) Naphthalene	10.72	128	454	0.008	ng	# 68
10) Hexachlorobutadiene	11.00	225	23	0.006	ng	# 58
12) 2-Methylnaphthalene	12.34	142	79	0.009	ng	# 65
16) Acenaphthylene	14.26	152	42	0.002	ng	# 69
17) Acenaphthene	14.60	154	16	0.002	ng	# 5
18) Fluorene	15.58	166	56	0.004	ng	# 82
20) 4-Bromophenyl-phenylether	16.48	248	25	0.005	ng	# 72
21) Hexachlorobenzene	16.58	284	27	0.005	ng	# 20
22) Pentachlorophenol	16.95	266	45	0.069	ng	# 72
23) Phenanthrene	17.31	178	164	0.007	ng	# 80
24) Anthracene	17.42	178	95	0.005	ng	# 73
26) Fluoranthene	19.34	202	246	0.008	ng	# 84
28) Pyrene	19.70	202	192	0.005	ng	# 80
30) Benzo(a)anthracene	21.45	228	266	0.008	ng	# 22
31) Chrysene	21.50	228	207	0.006	ng	# 16
32) Bis(2-ethylhexyl)phthalate	21.37	149	69811	0.970	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	52	0.001	ng	# 36
35) Benzo(b)fluoranthene	23.24	252	240	0.007	ng	# 1
36) Benzo(k)fluoranthene	23.28	252	234	0.006	ng	# 1
37) Benzo(a)pyrene	23.91	252	259	0.008	ng	# 1
38) Dibenzo(a,h)anthracene	26.72	278	47	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.54	276	174	0.005	ng	# 1

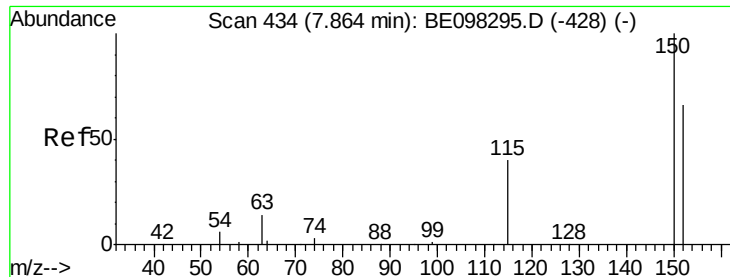
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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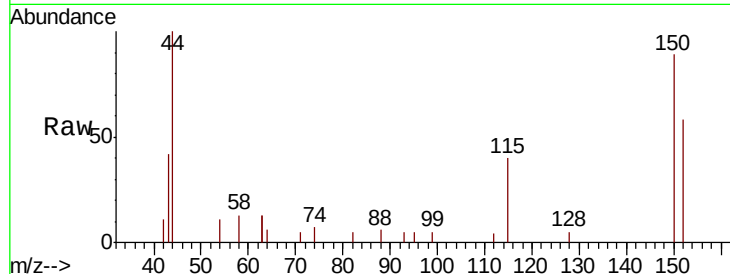


#1

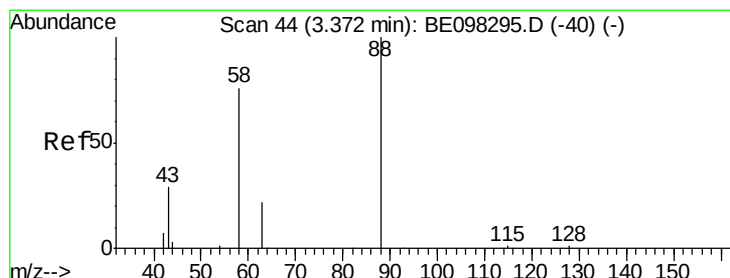
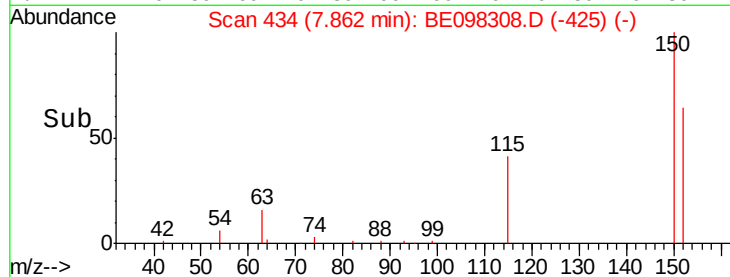
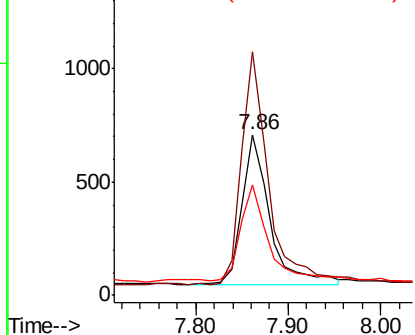
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30211-20181205

Tgt Ion: 152 Resp: 1363
Ion Ratio Lower Upper
152 100
150 151.6 124.2 186.4
115 68.8 53.9 80.9



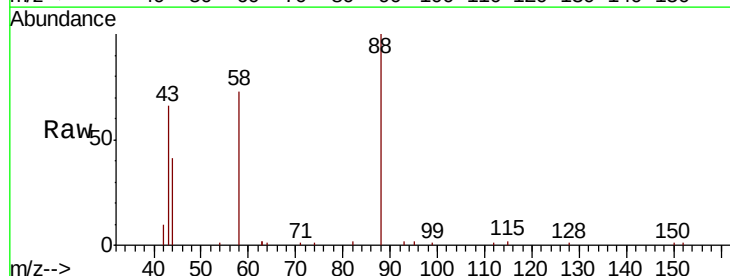
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



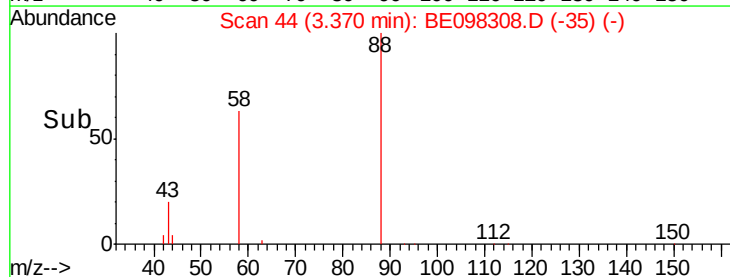
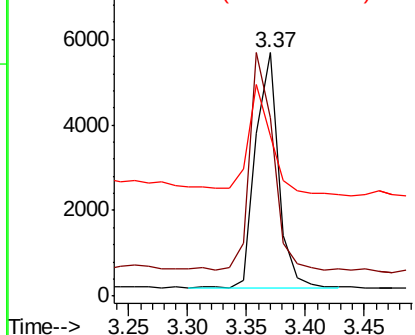
#2

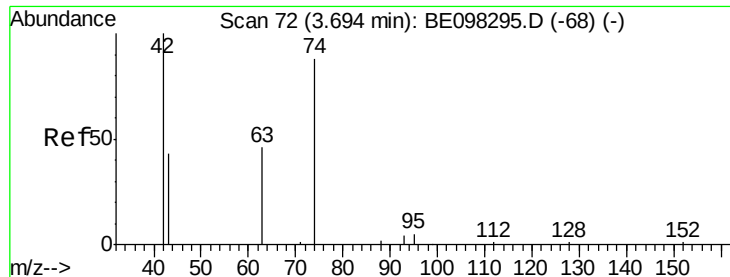
1,4-Dioxane
Concen: 3.182 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

Tgt Ion: 88 Resp: 7501
Ion Ratio Lower Upper
88 100
58 92.9 75.0 112.6
43 47.9 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



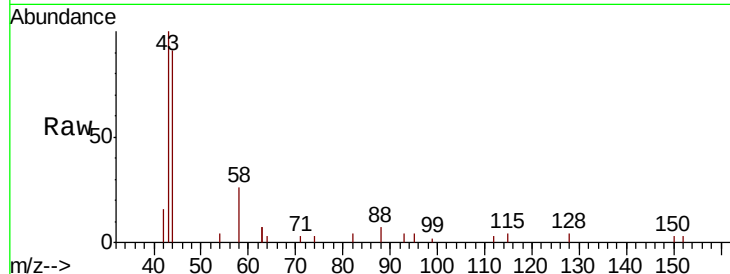


#3

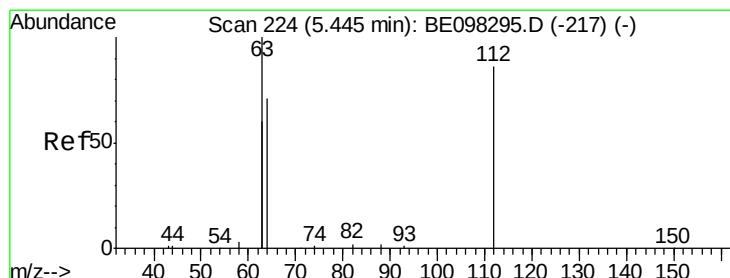
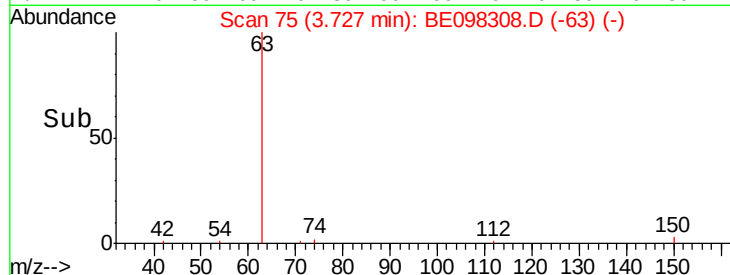
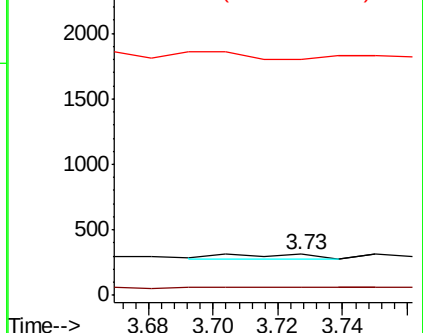
n-Nitrosodimethylamine
 Concen: 0.030 ng
 RT: 3.73 min Scan# 75
 Delta R.T. 0.03 min
 Lab File: BE098308.D
 Acq: 10 Dec 2018 21:16

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20181205

Tgt Ion:	42	Resp:	64
Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	0.0	0.0	0.0



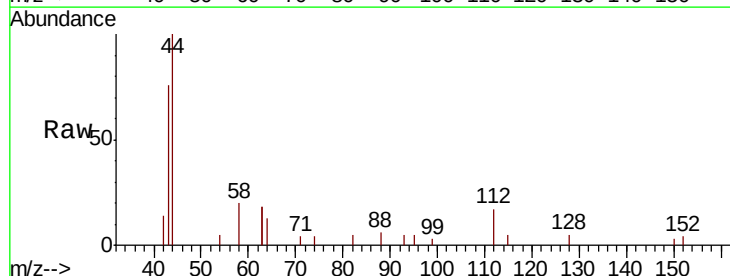
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



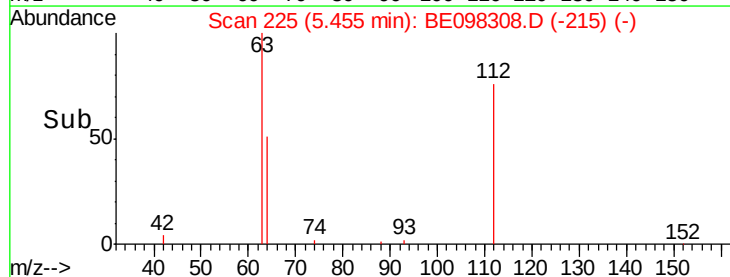
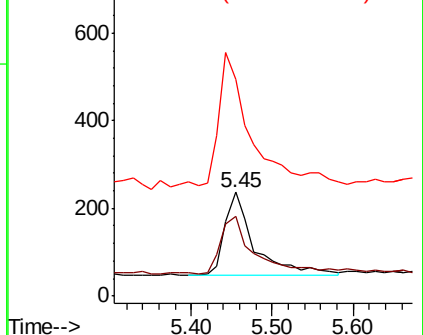
#4

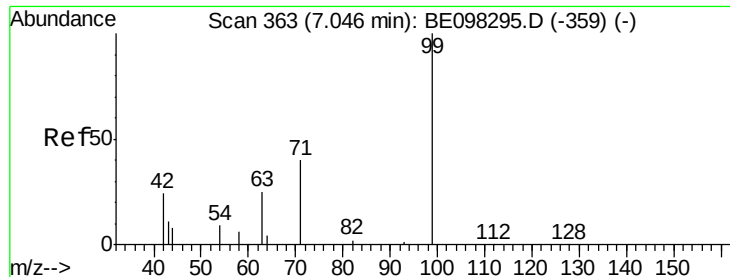
2-Fluorophenol
 Concen: 0.157 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098308.D
 Acq: 10 Dec 2018 21:16

Tgt Ion:	112	Resp:	500
Ion	Ratio	Lower	Upper
112	100		
64	75.2	59.8	89.8
63	163.0	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: 0.092 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

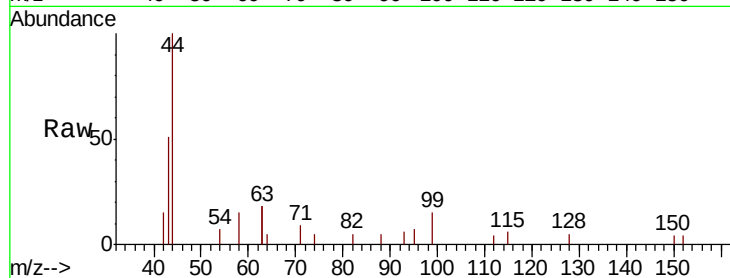
Tgt Ion: 99 Resp: 415

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

71 47.2 33.6 50.4



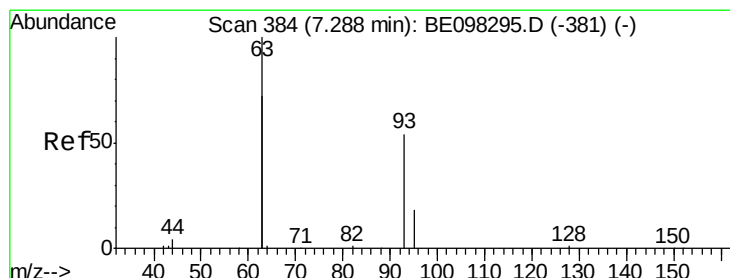
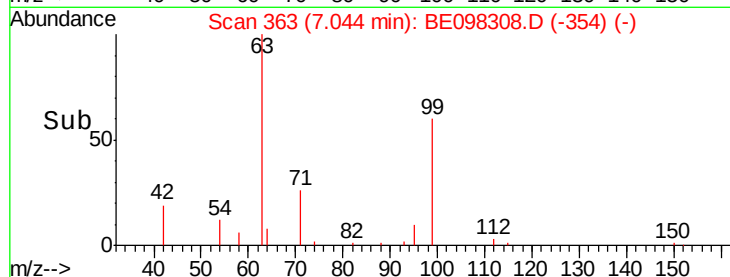
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.04

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.004 ng

RT: 7.31 min Scan# 386

Delta R.T. 0.02 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

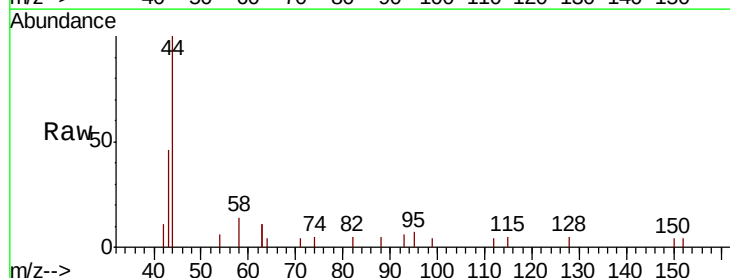
Tgt Ion: 93 Resp: 18

Ion Ratio Lower Upper

93 100

63 0.0 264.4 396.6#

95 0.0 26.6 40.0#



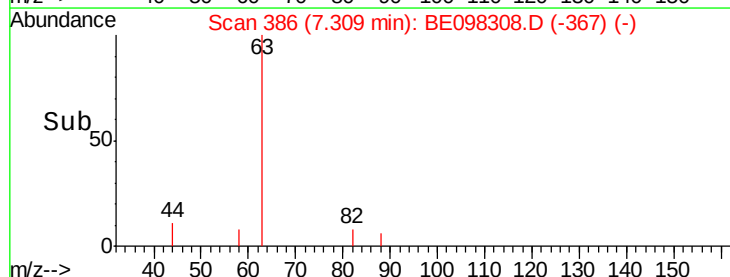
Abundance Ion 93.00 (92.70 to 93.70): BE0

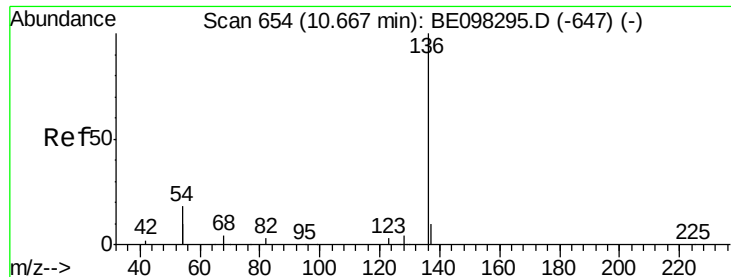
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.31

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

Tgt Ion: 136 Resp: 5654

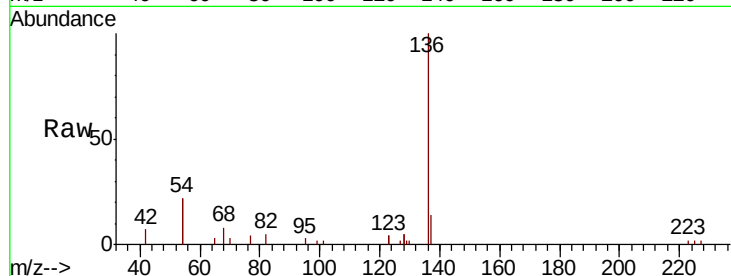
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 44.7 28.4 42.6#

68 7.7 5.4 8.0

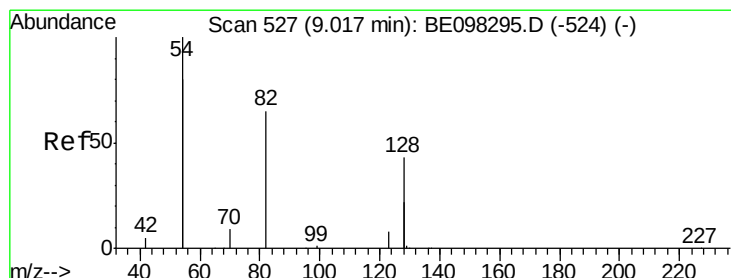
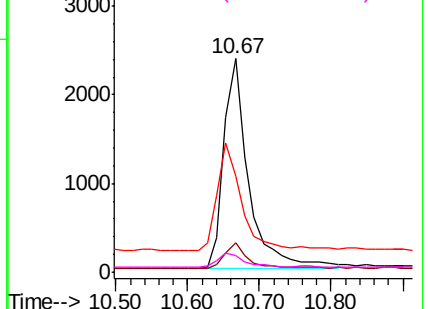
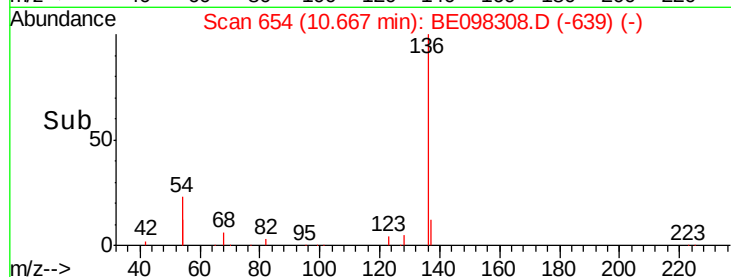


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.378 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

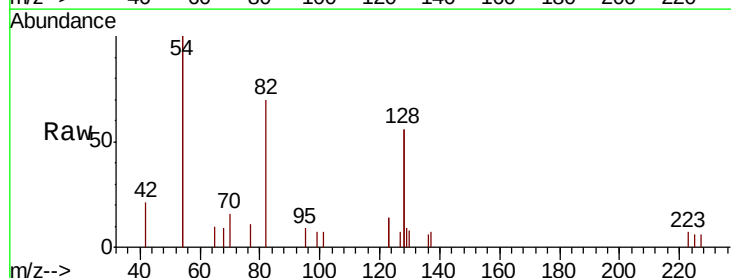
Tgt Ion: 82 Resp: 1945

Ion Ratio Lower Upper

82 100

128 158.3 102.4 153.6#

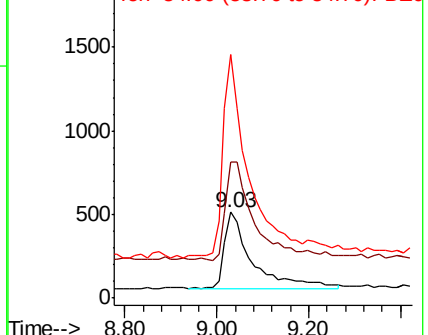
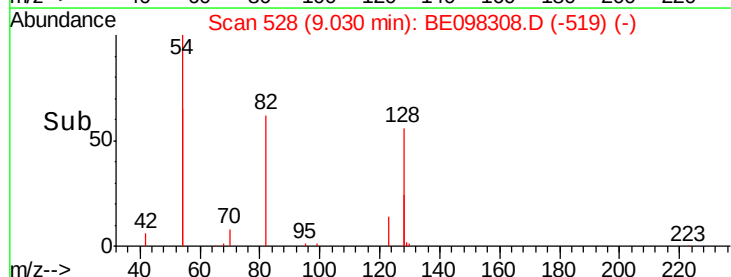
54 283.8 221.8 332.8

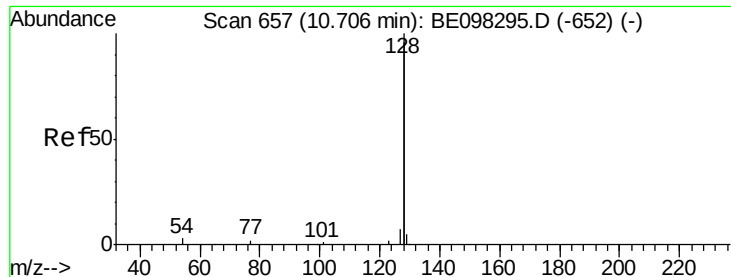


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.008 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

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ClientSampleId :

BPS1-TT-MW30211-20181205

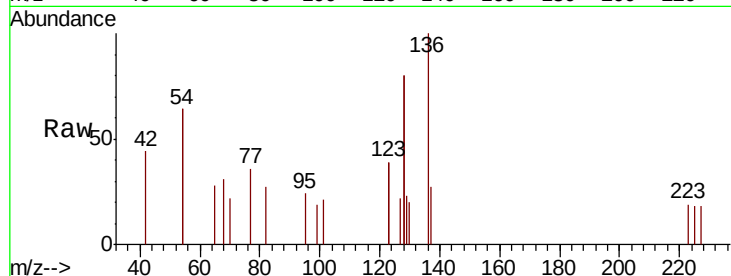
Tgt Ion:128 Resp: 454

Ion Ratio Lower Upper

128 100

129 14.1 2.5 3.7#

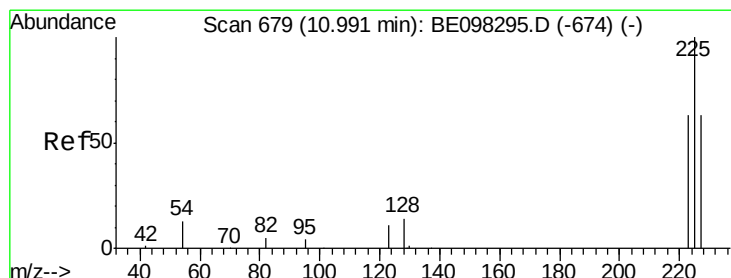
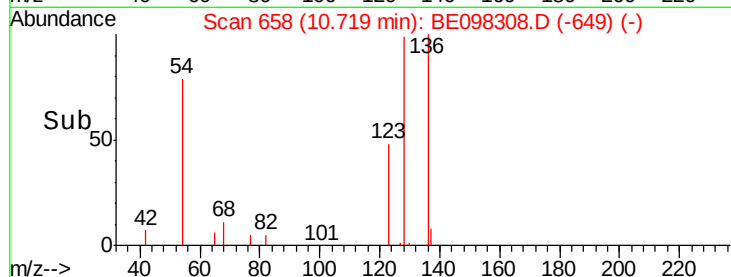
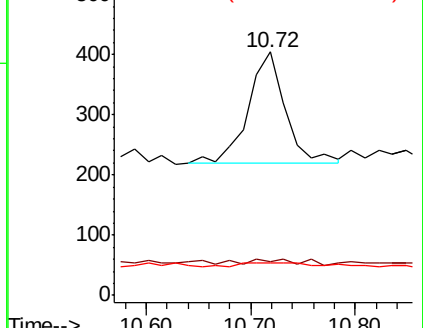
127 13.6 2.7 4.1#



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: 0.006 ng

RT: 11.00 min Scan# 680

Delta R.T. 0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

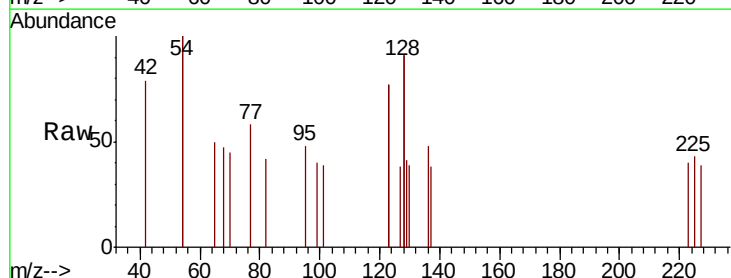
Tgt Ion:225 Resp: 23

Ion Ratio Lower Upper

225 100

223 0.0 49.4 74.0#

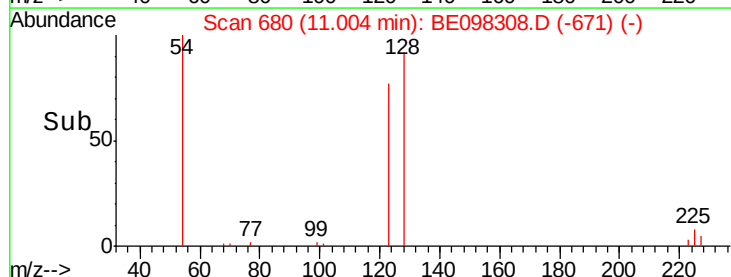
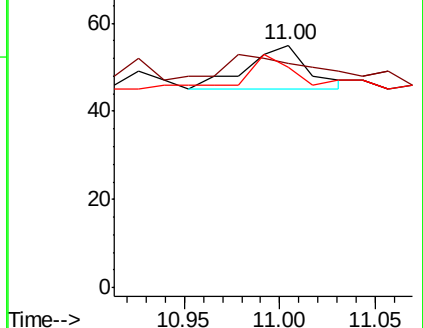
227 69.6 52.0 78.0

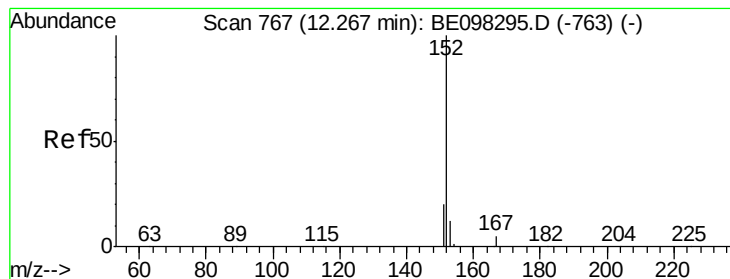


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

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ClientSampleId :

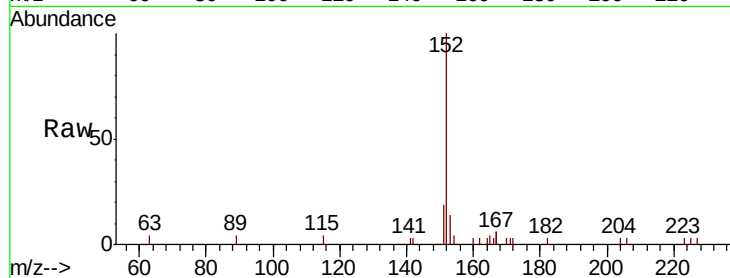
BPS1-TT-MW30211-20181205

Tgt Ion:152 Resp: 3561

Ion Ratio Lower Upper

152 100

151 18.1 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

1500

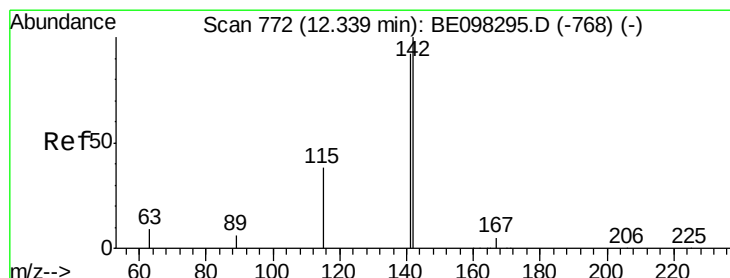
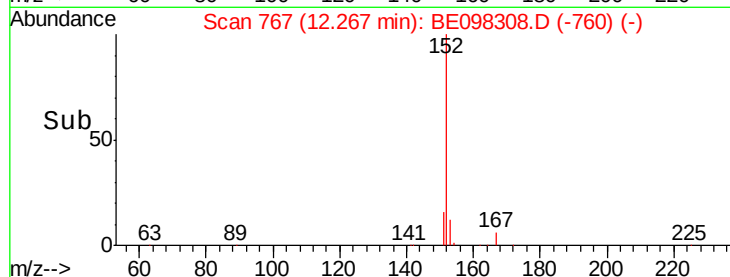
1000

500

0

12.20 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.009 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

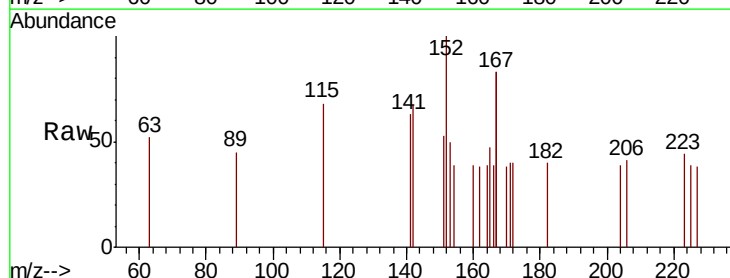
Tgt Ion:142 Resp: 79

Ion Ratio Lower Upper

142 100

141 95.0 71.0 106.6

115 101.3 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

12.34

100

80

60

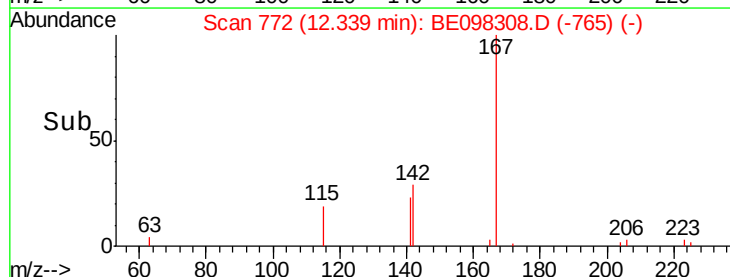
40

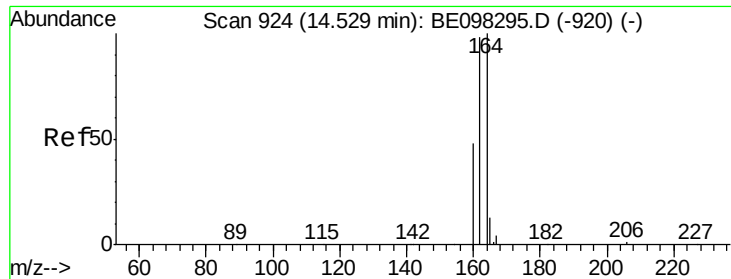
20

0

12.30 12.40

Time-->

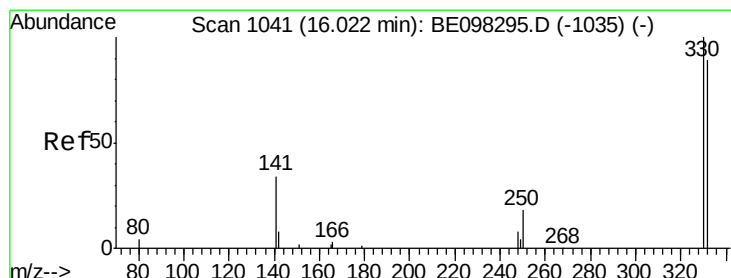
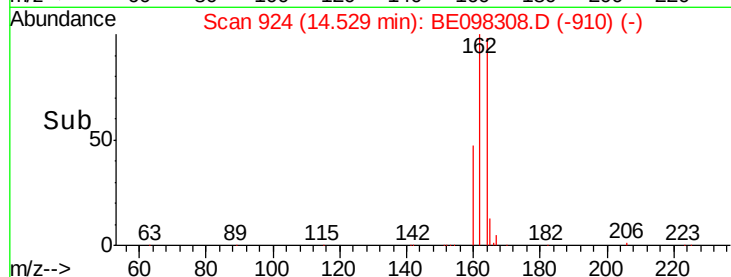
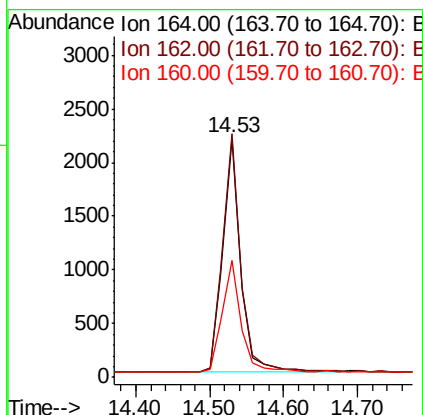
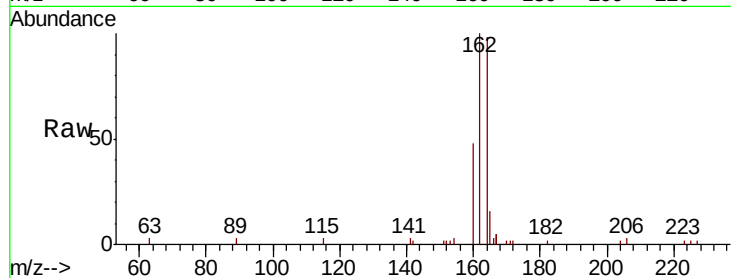




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

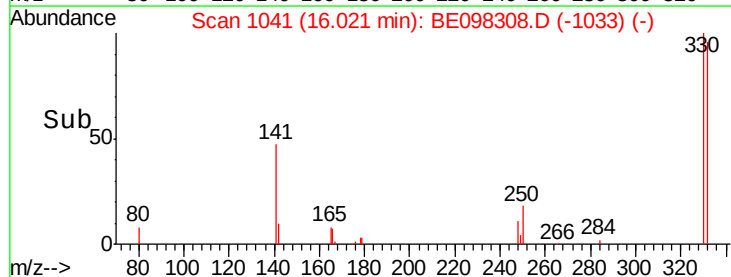
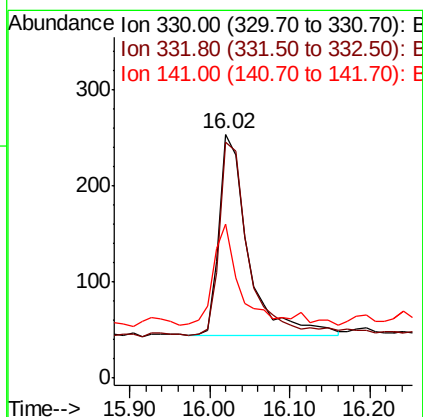
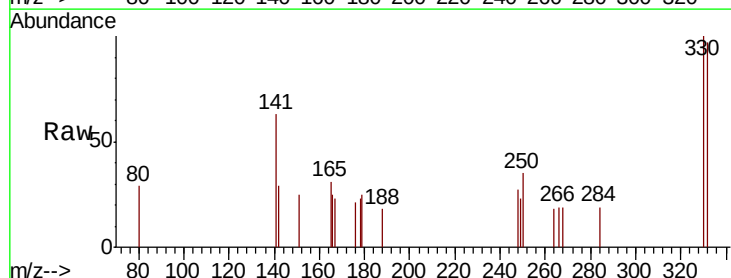
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30211-20181205

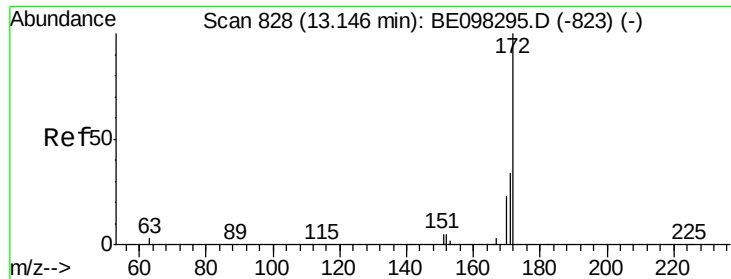
Tgt Ion:164 Resp: 3666
Ion Ratio Lower Upper
164 100
162 101.9 77.6 116.4
160 48.7 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.393 ng
RT: 16.02 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

Tgt Ion:330 Resp: 529
Ion Ratio Lower Upper
330 100
332 99.1 76.2 114.4
141 44.2 39.0 58.4

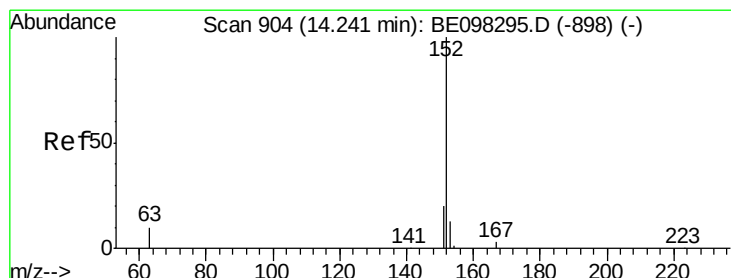
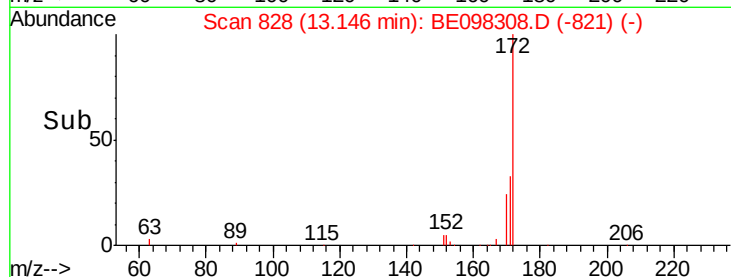
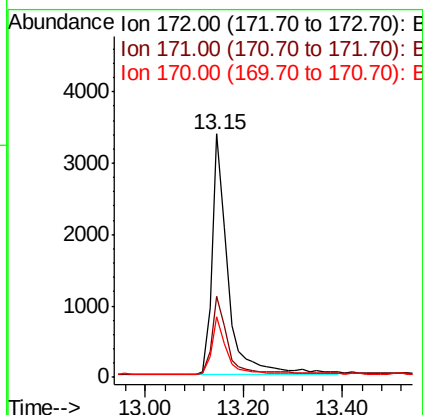
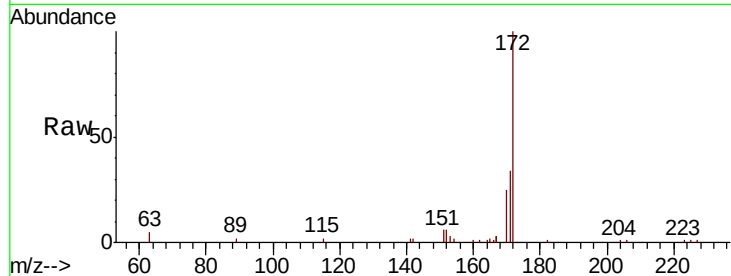




#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

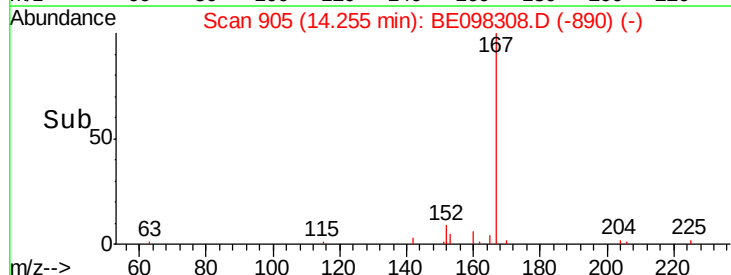
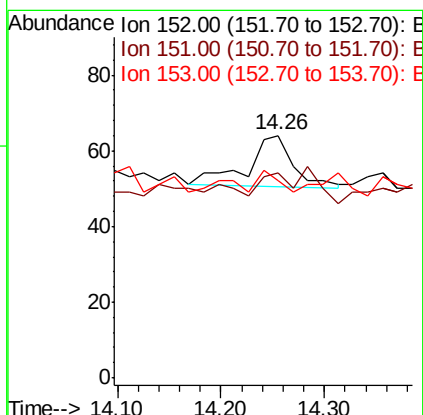
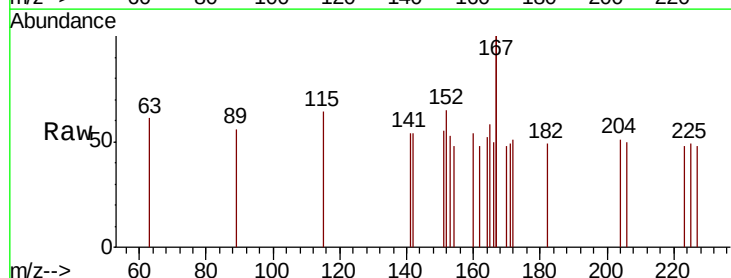
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30211-20181205

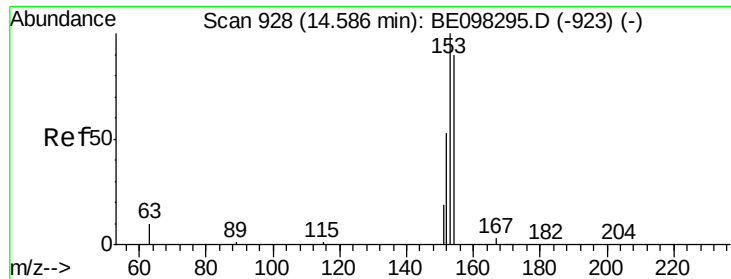
Tgt Ion:172 Resp: 7291
Ion Ratio Lower Upper
172 100
171 33.5 27.5 41.3
170 24.8 19.6 29.4



#16
Acenaphthylene
Concen: 0.002 ng
RT: 14.26 min Scan# 905
Delta R.T. 0.01 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

Tgt Ion:152 Resp: 42
Ion Ratio Lower Upper
152 100
151 0.0 15.5 23.3#
153 19.0 10.6 16.0#

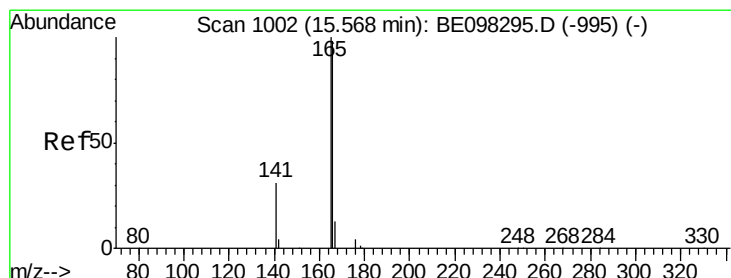
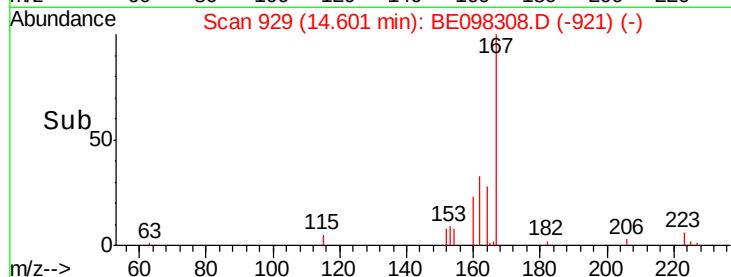
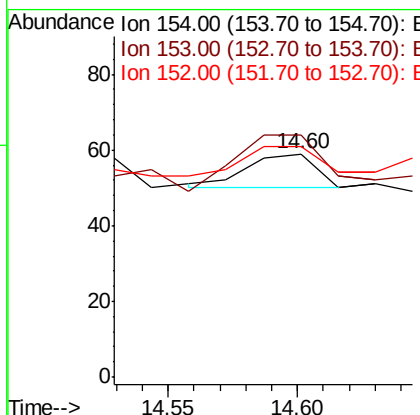
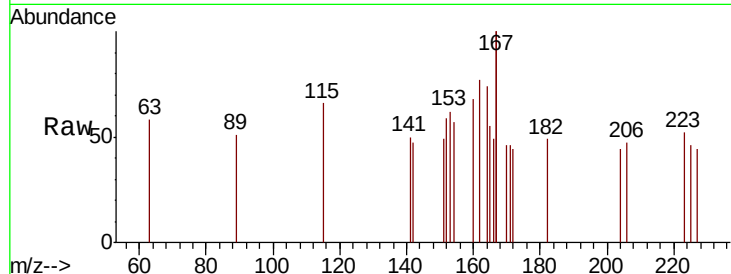




#17
Acenaphthene
Concen: 0.002 ng
RT: 14.60 min Scan# 929
Delta R.T. 0.01 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

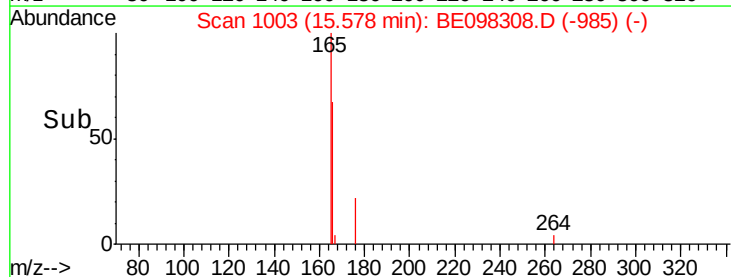
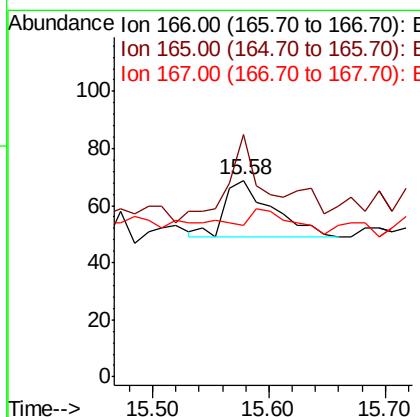
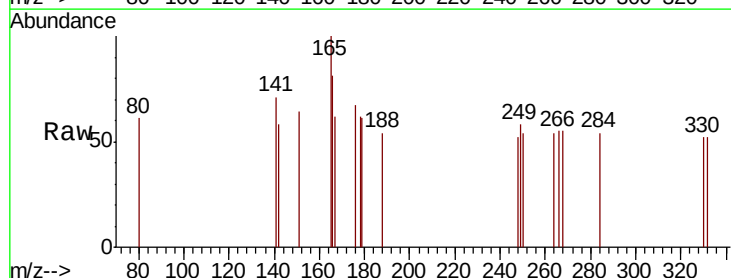
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30211-20181205

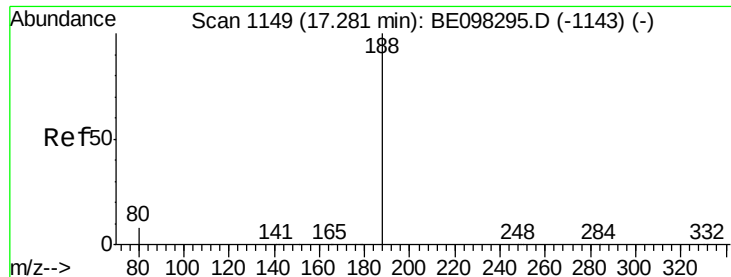
Tgt Ion:154 Resp: 16
Ion Ratio Lower Upper
154 100
153 237.5 91.8 137.6#
152 100.0 45.5 68.3#



#18
Fluorene
Concen: 0.004 ng
RT: 15.58 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

Tgt Ion:166 Resp: 56
Ion Ratio Lower Upper
166 100
165 112.5 79.3 118.9
167 35.7 11.3 16.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

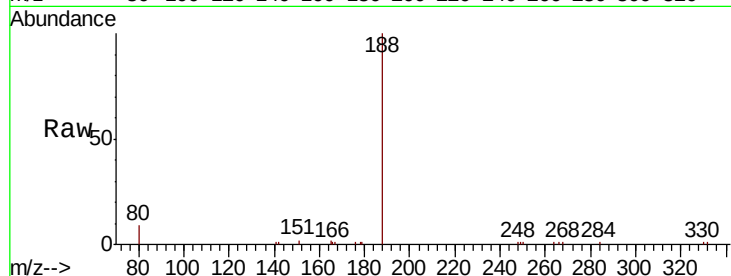
Tgt Ion:188 Resp: 9663

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

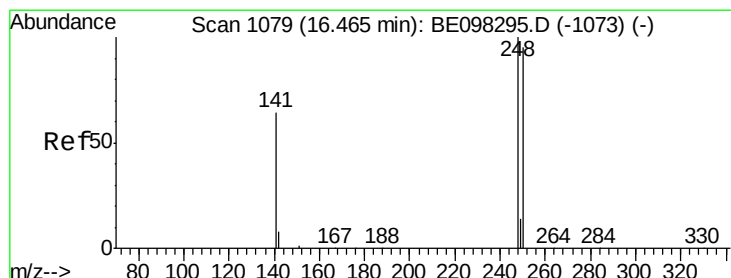
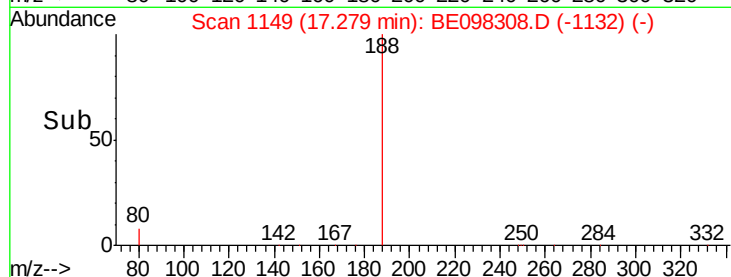
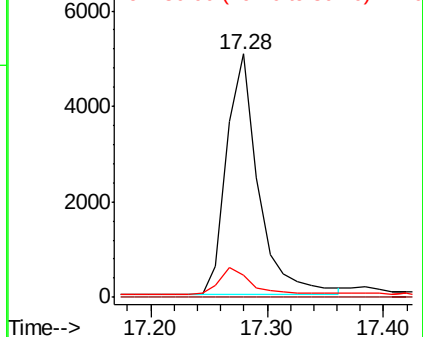
80 9.4 7.2 10.8



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: 0.005 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

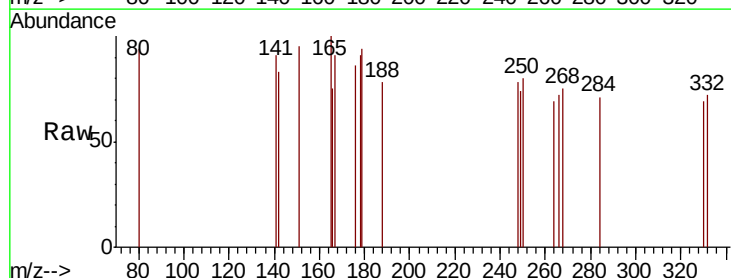
Tgt Ion:248 Resp: 25

Ion Ratio Lower Upper

248 100

250 102.0 71.0 106.6

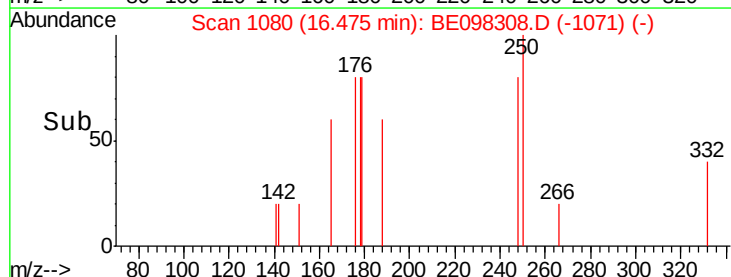
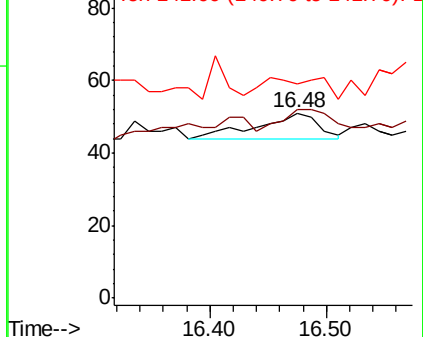
141 115.7 62.1 93.1#

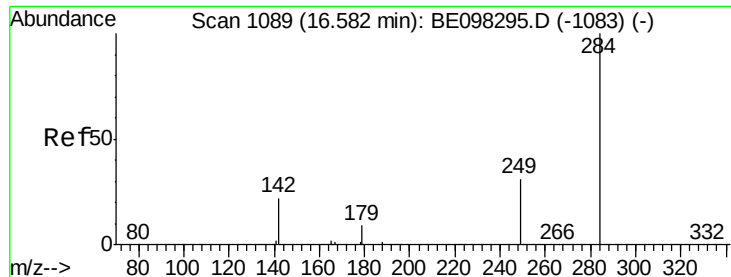


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.005 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

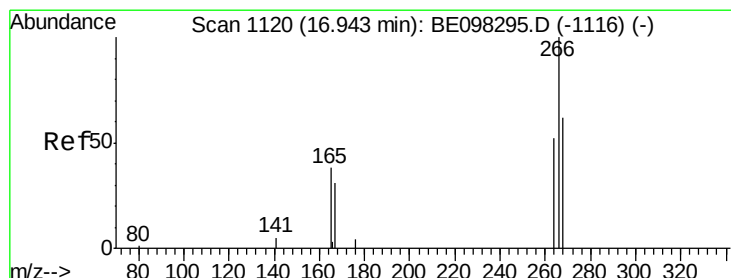
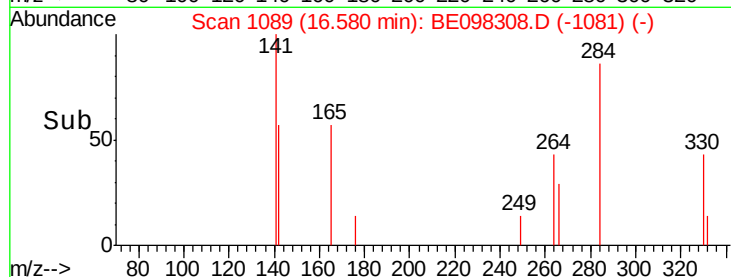
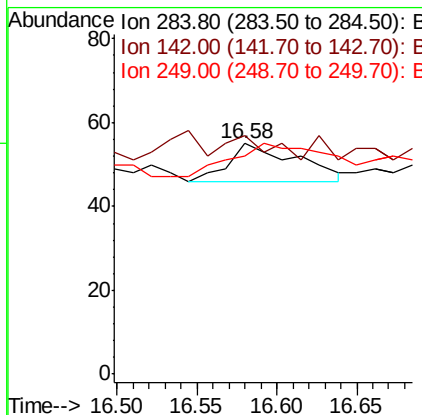
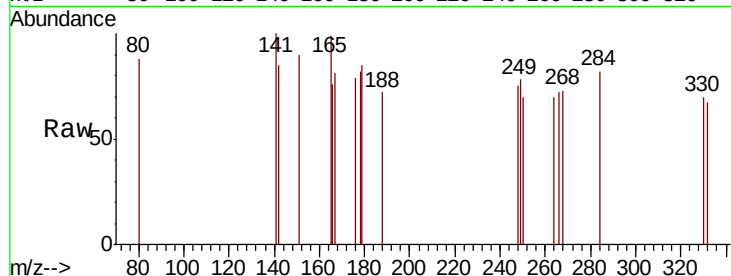
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

Tgt Ion:	284	Resp:	27
Ion Ratio	Lower	Upper	
284	100		
142	40.7	26.3	39.5#
249	114.8	26.0	39.0#



#22

Pentachlorophenol

Concen: 0.069 ng

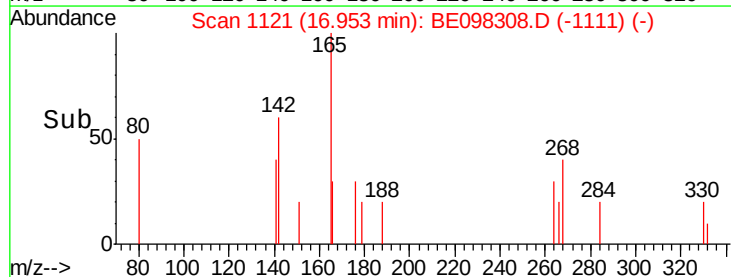
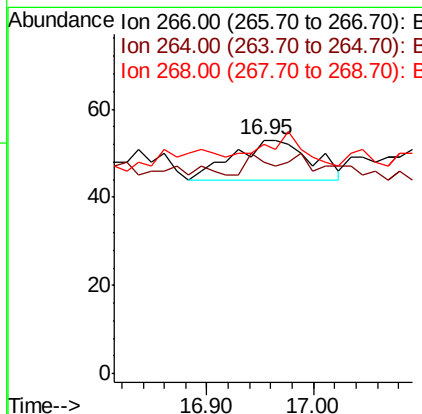
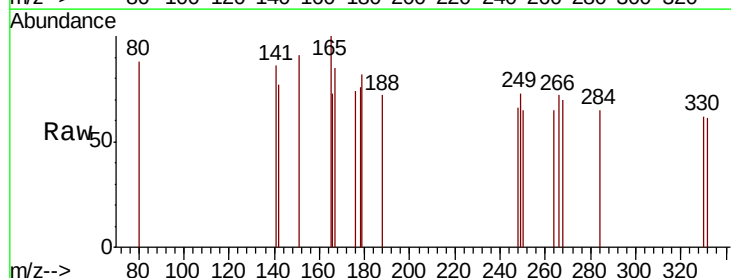
RT: 16.95 min Scan# 1121

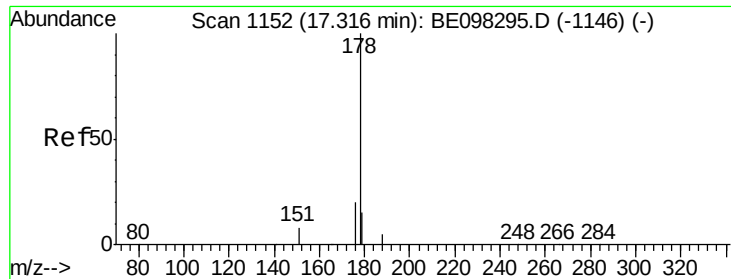
Delta R.T. 0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Tgt Ion:	266	Resp:	45
Ion Ratio	Lower	Upper	
266	100		
264	90.6	59.0	88.4#
268	98.1	55.1	82.7#





#23

Phenanthrene

Concen: 0.007 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

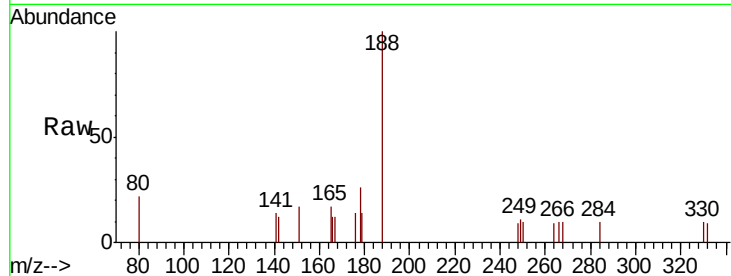
Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

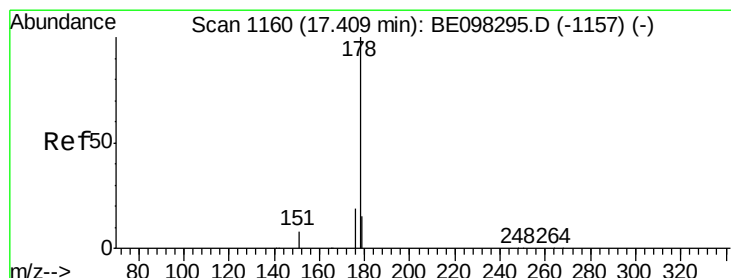
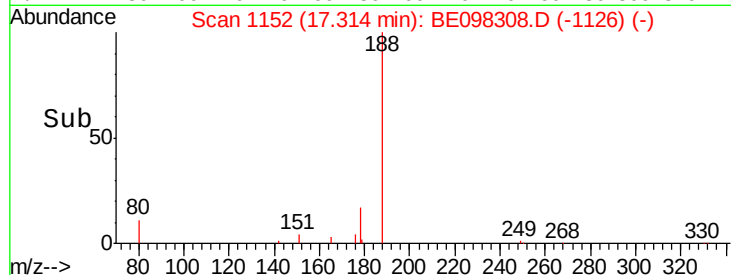
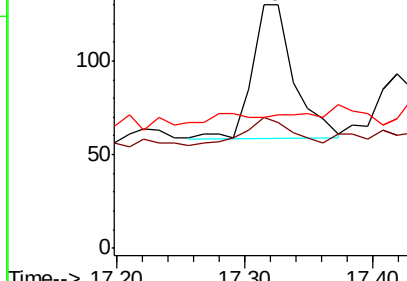
Tgt Ion:	178	Resp:	164
Ion	Ratio	Lower	Upper
178	100		
176	23.2	15.9	23.9
179	0.0	12.3	18.5#



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: 0.005 ng

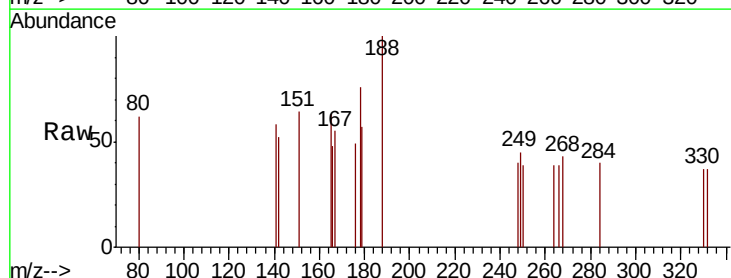
RT: 17.42 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

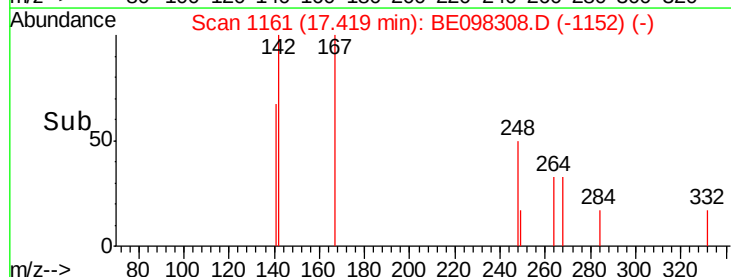
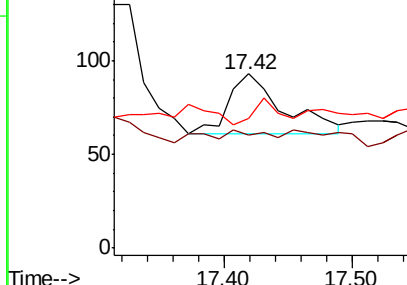
Tgt Ion:	178	Resp:	95
Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	18.9	12.3	18.5#

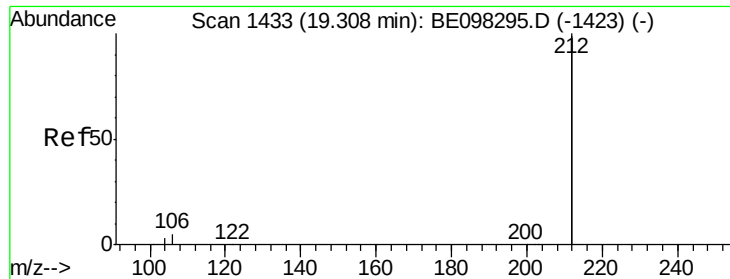


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

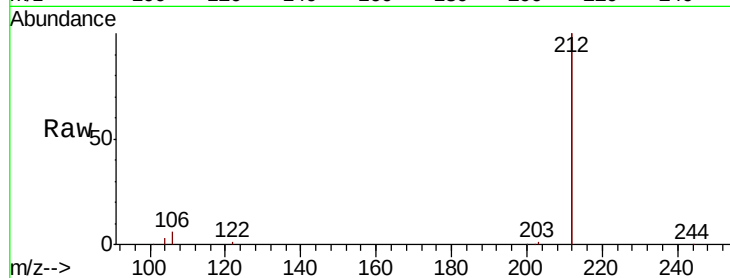




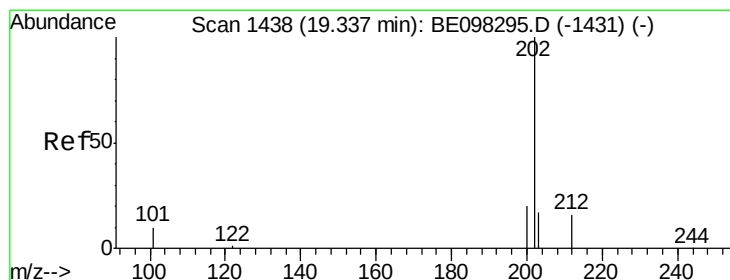
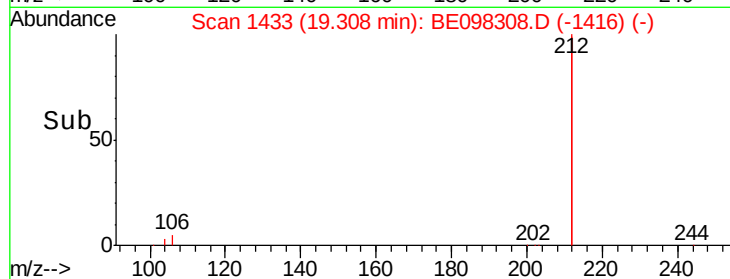
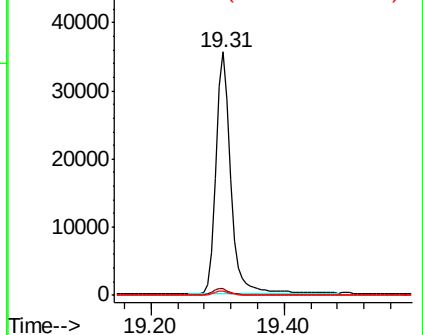
#25
 Fluoranthene-d10
 Concen: 0.447 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098308.D
 Acq: 10 Dec 2018 21:16

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW30211-20181205

Tgt Ion: 212 Resp: 55399
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.2
 104 1.5 1.3 1.9

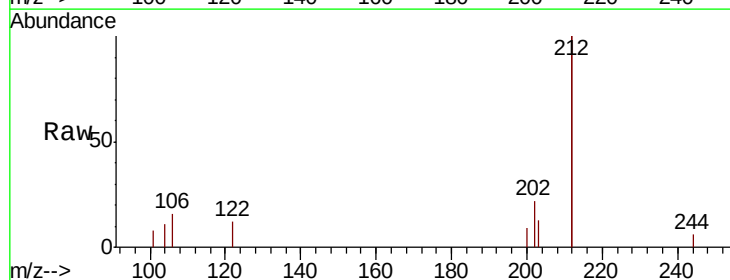


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

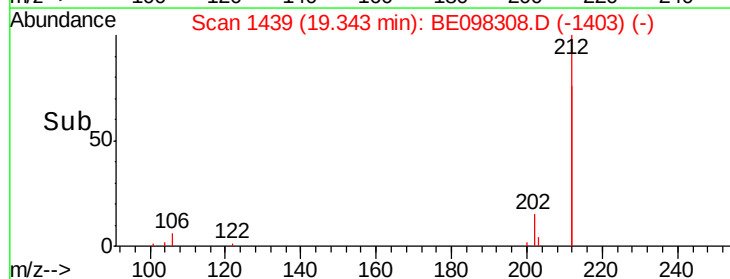
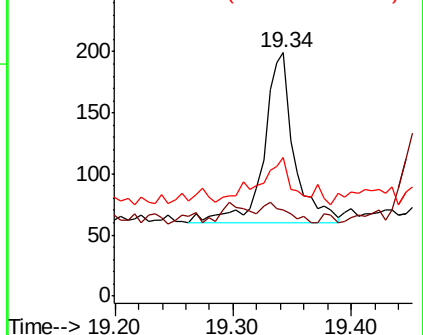


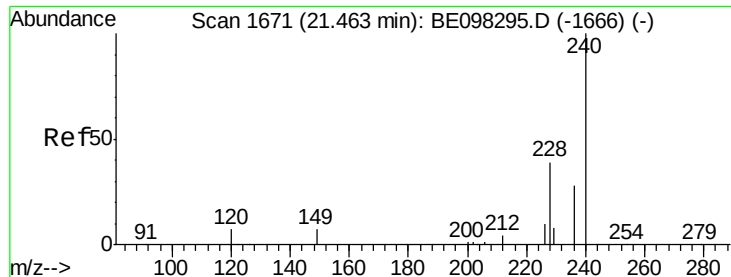
#26
 Fluoranthene
 Concen: 0.008 ng
 RT: 19.34 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BE098308.D
 Acq: 10 Dec 2018 21:16

Tgt Ion: 202 Resp: 246
 Ion Ratio Lower Upper
 202 100
 101 9.3 8.0 12.0
 203 27.6 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

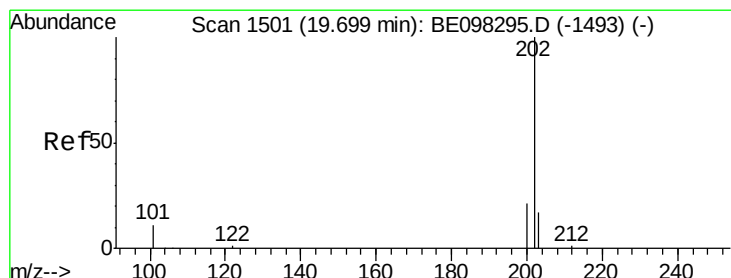
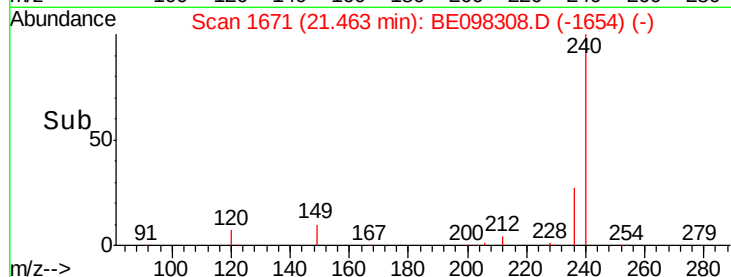
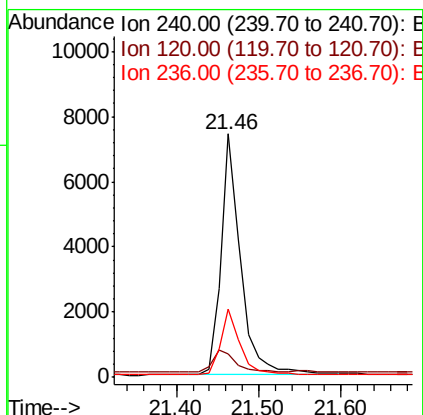
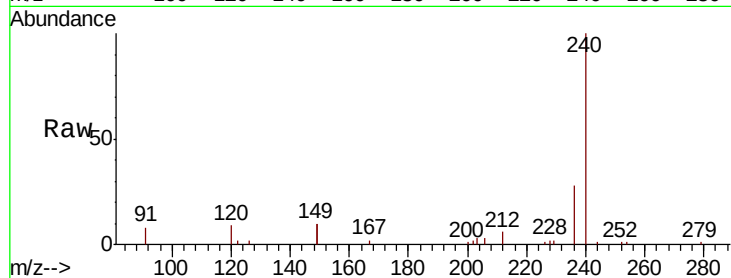




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.46 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

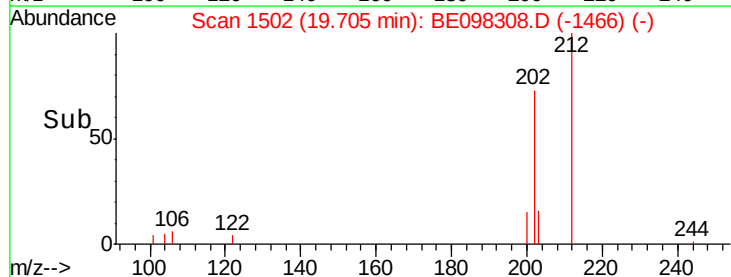
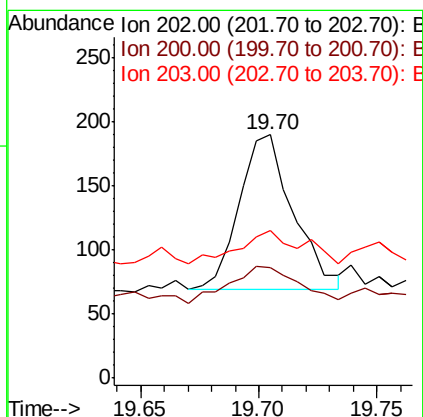
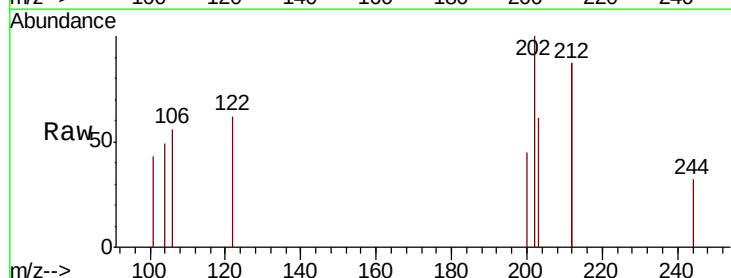
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30211-20181205

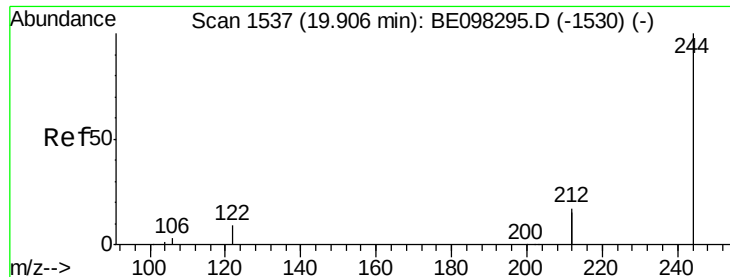
Tgt Ion:240 Resp: 12440
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 28.0 22.7 34.1



#28
Pyrene
Concen: 0.005 ng
RT: 19.70 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

Tgt Ion:202 Resp: 192
Ion Ratio Lower Upper
202 100
200 30.7 16.7 25.1#
203 26.0 14.1 21.1#





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

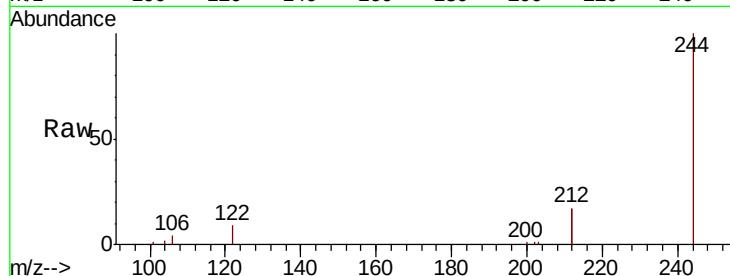
Tgt Ion:244 Resp: 12072

Ion Ratio Lower Upper

244 100

212 33.4 27.4 41.0

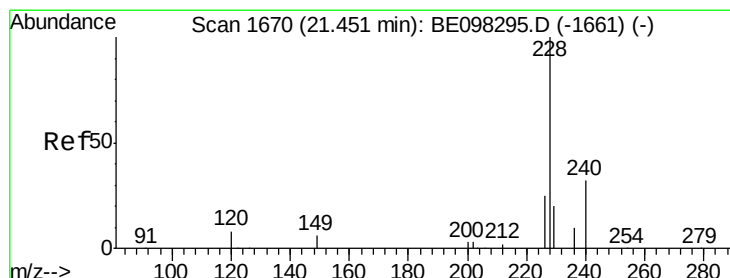
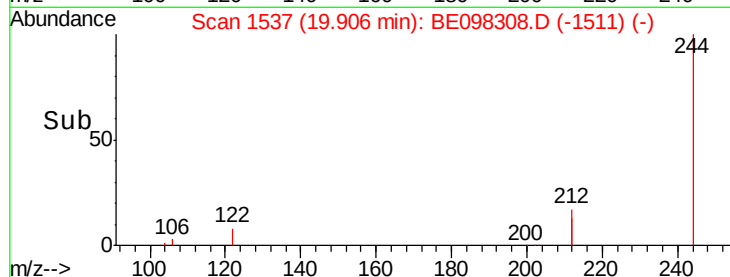
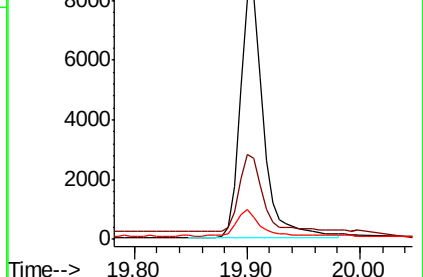
122 9.4 8.3 12.5



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: 0.008 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

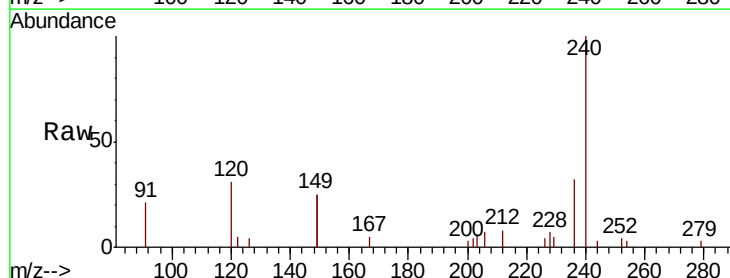
Tgt Ion:228 Resp: 266

Ion Ratio Lower Upper

228 100

226 58.6 21.8 32.8#

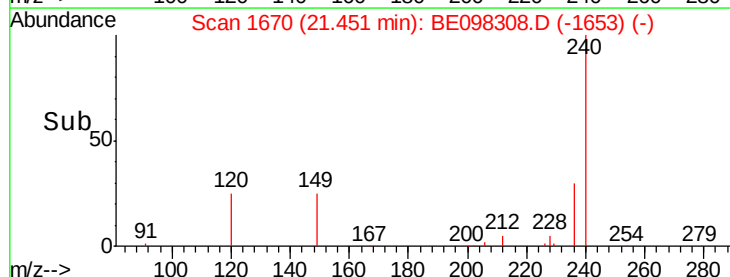
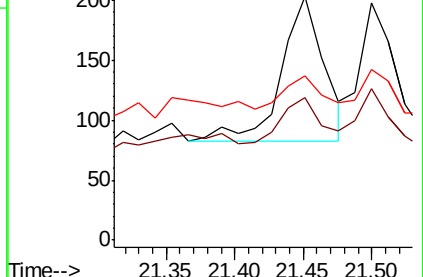
229 67.5 16.3 24.5#

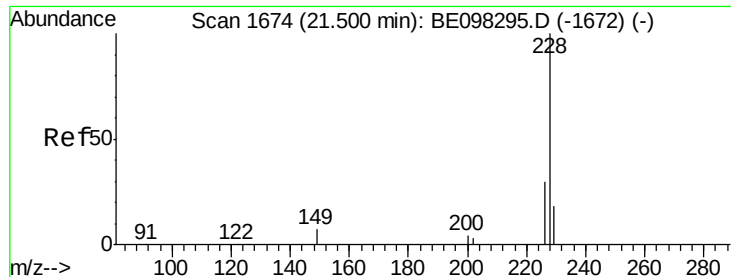


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.006 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

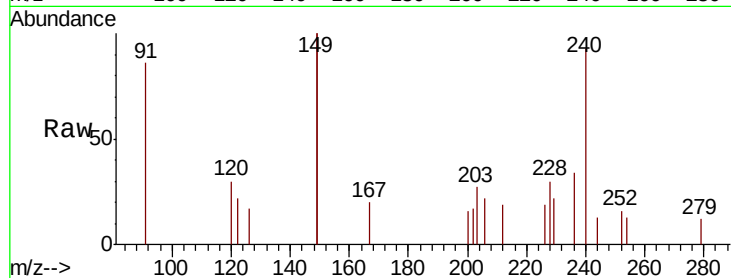
Tgt Ion:228 Resp: 207

Ion Ratio Lower Upper

228 100

226 63.6 23.4 35.0#

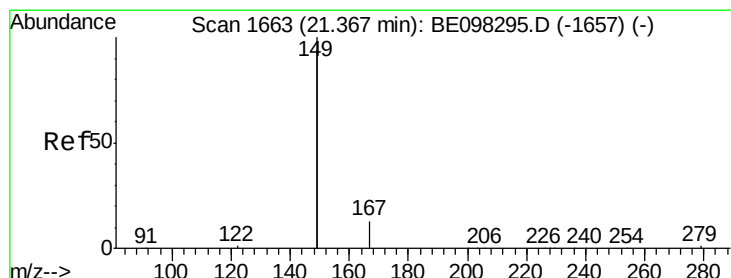
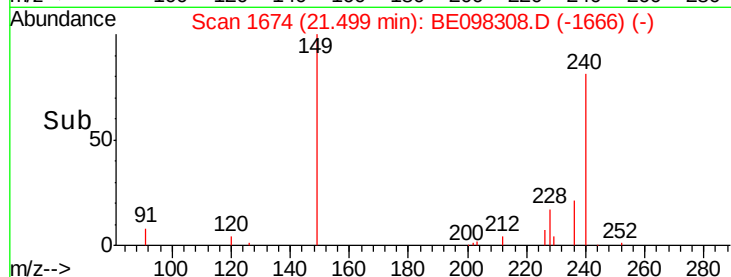
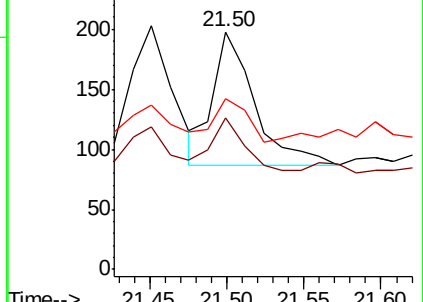
229 71.7 16.2 24.4#



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: 0.970 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

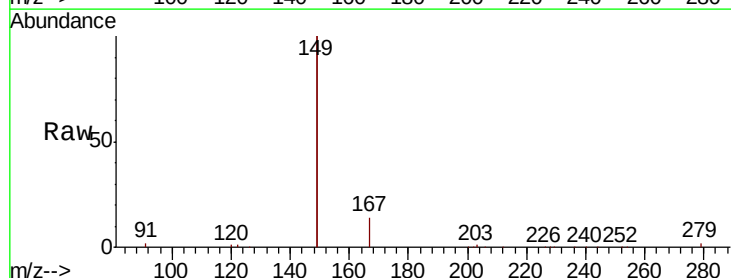
Tgt Ion:149 Resp: 69811

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

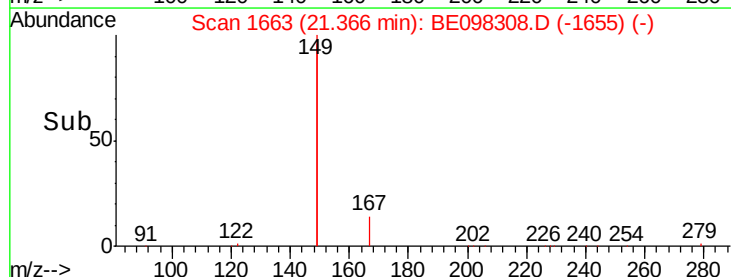
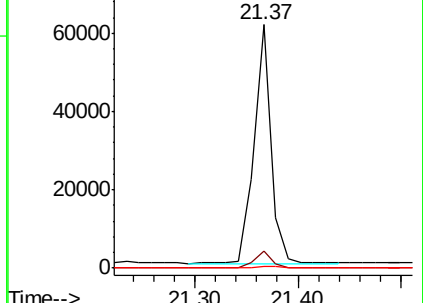
279 1.0 1.0 1.4

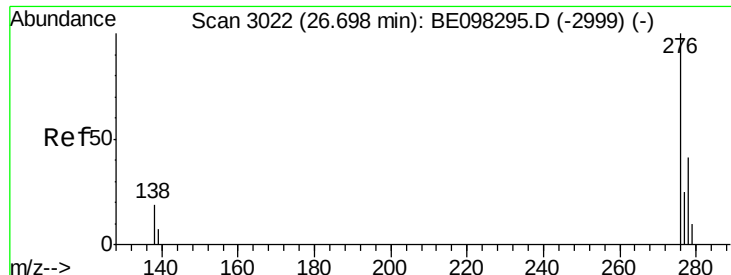


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

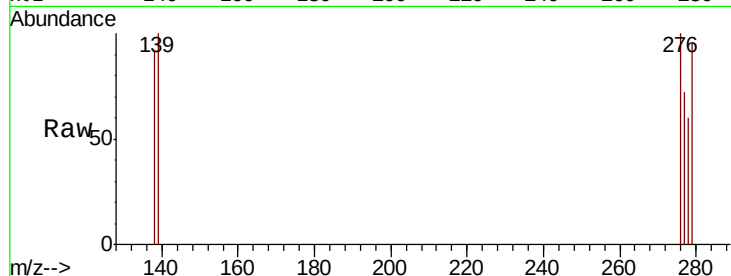




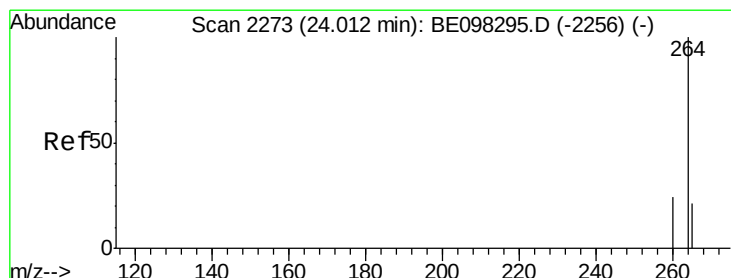
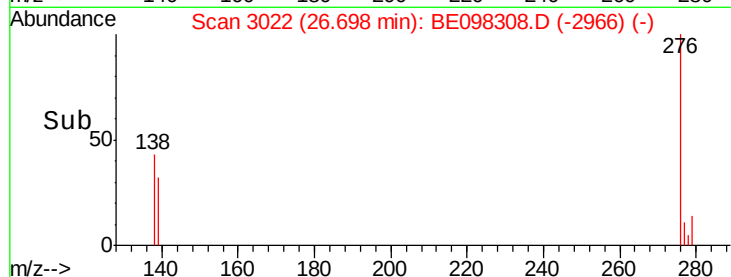
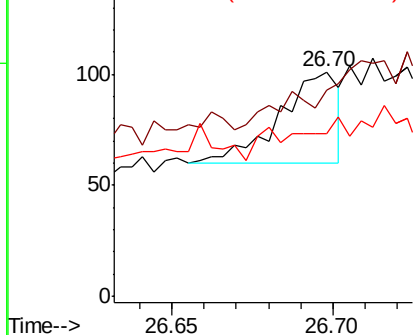
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.70 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30211-20181205

Tgt Ion:276 Resp: 52
Ion Ratio Lower Upper
276 100
138 57.7 16.3 24.5#
277 0.0 20.2 30.4#

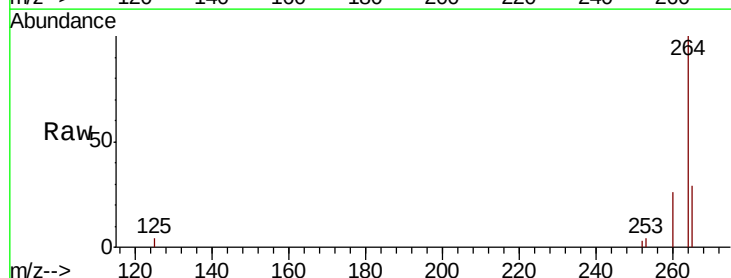


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

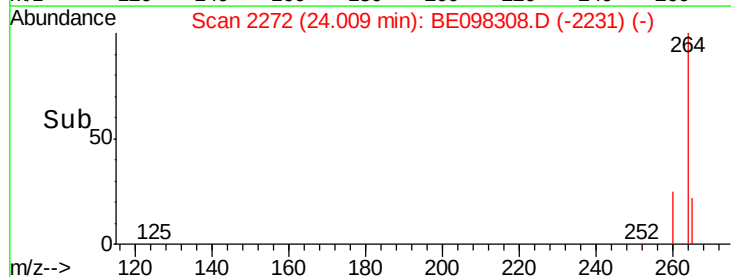
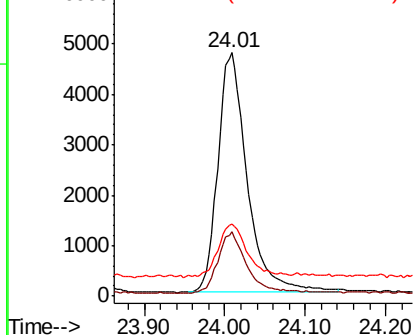


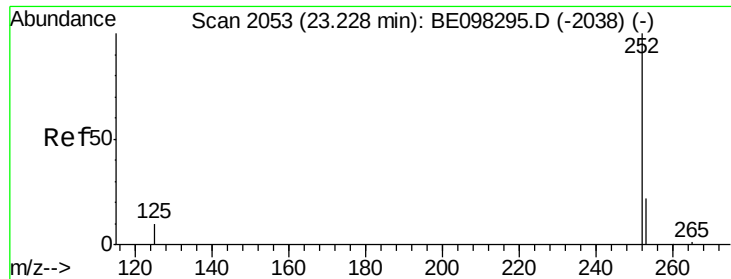
#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2272
Delta R.T. -0.00 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

Tgt Ion:264 Resp: 12045
Ion Ratio Lower Upper
264 100
260 26.4 20.2 30.2
265 29.5 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

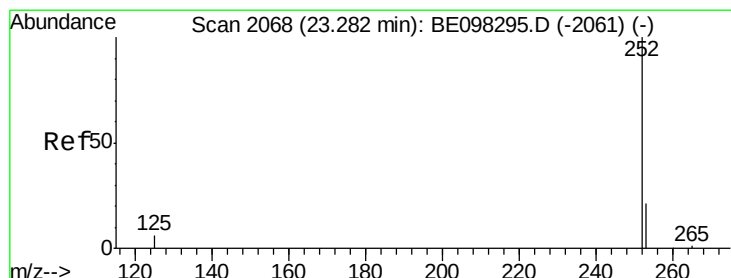
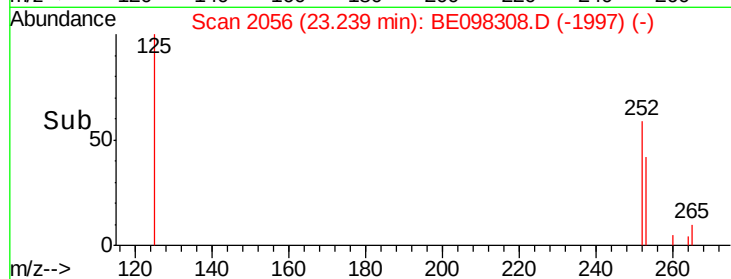
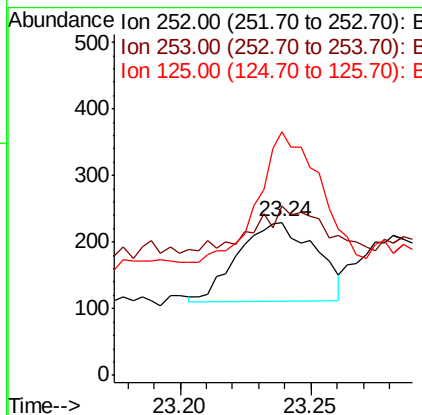
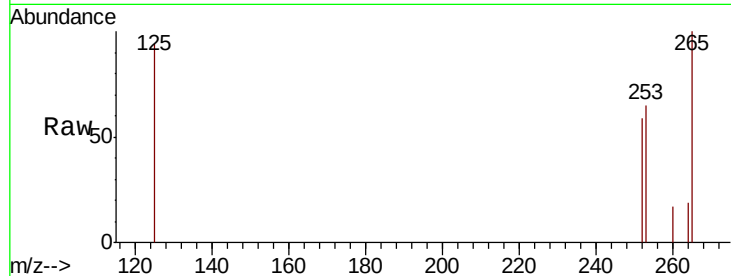




#35
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 23.24 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

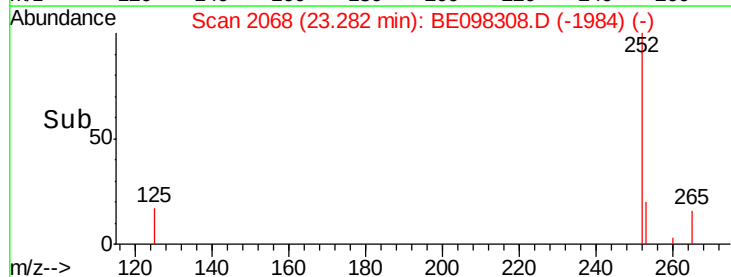
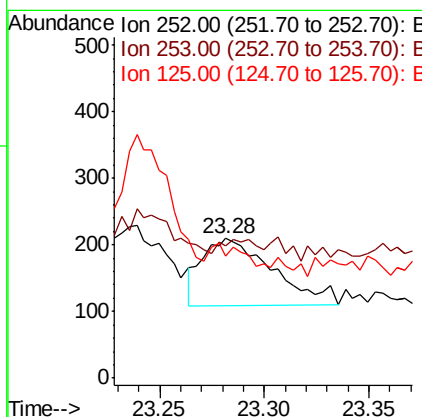
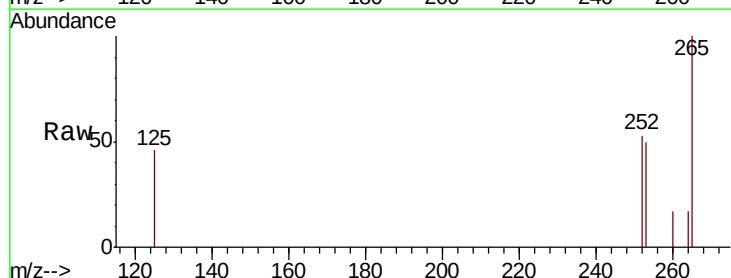
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW30211-20181205

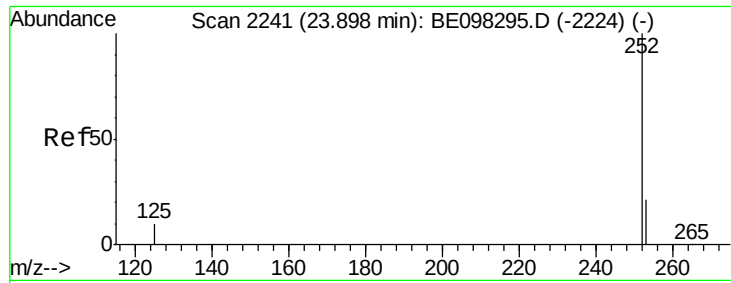
Tgt Ion: 252 Resp: 240
Ion Ratio Lower Upper
252 100
253 110.9 20.0 30.0#
125 159.1 9.6 14.4#



#36
Benzo(k)fluoranthene
Concen: 0.006 ng
RT: 23.28 min Scan# 2068
Delta R.T. 0.00 min
Lab File: BE098308.D
Acq: 10 Dec 2018 21:16

Tgt Ion: 252 Resp: 234
Ion Ratio Lower Upper
252 100
253 94.8 19.0 28.6#
125 87.1 9.1 13.7#





#37

Benzo(a)pyrene

Concen: 0.008 ng

RT: 23.91 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205

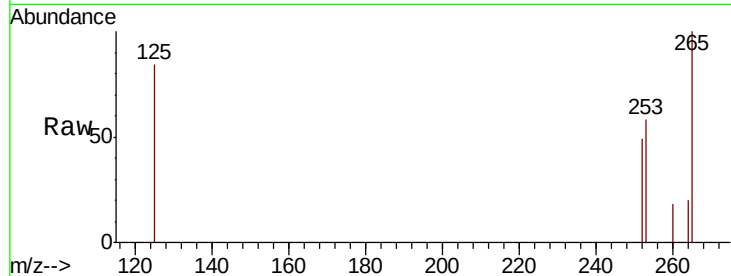
Tgt Ion: 252 Resp: 259

Ion Ratio Lower Upper

252 100

253 116.5 20.6 30.8#

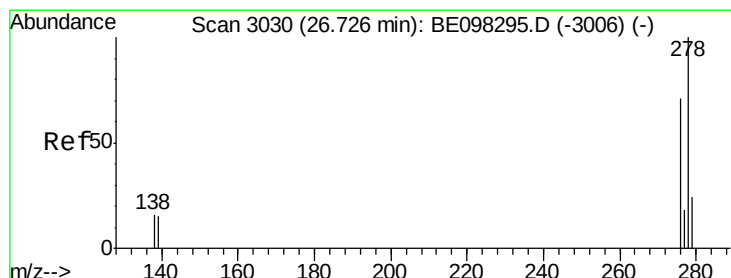
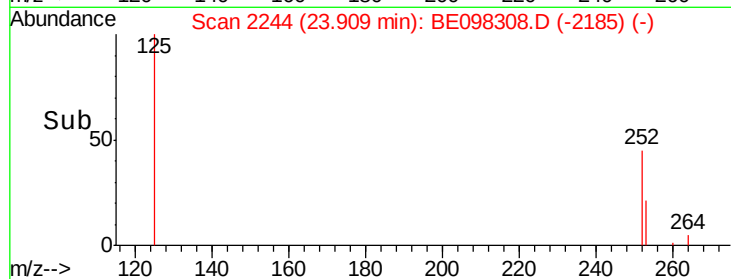
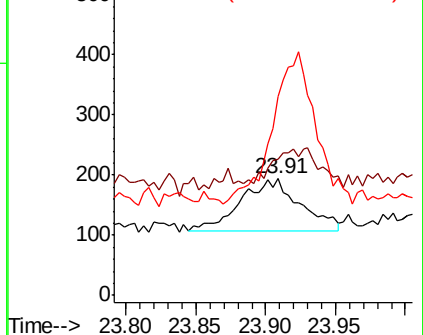
125 170.1 10.5 15.7#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.72 min Scan# 3028

Delta R.T. -0.01 min

Lab File: BE098308.D

Acq: 10 Dec 2018 21:16

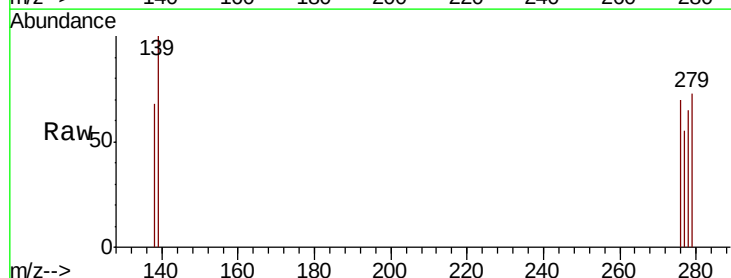
Tgt Ion: 278 Resp: 47

Ion Ratio Lower Upper

278 100

139 153.3 14.5 21.7#

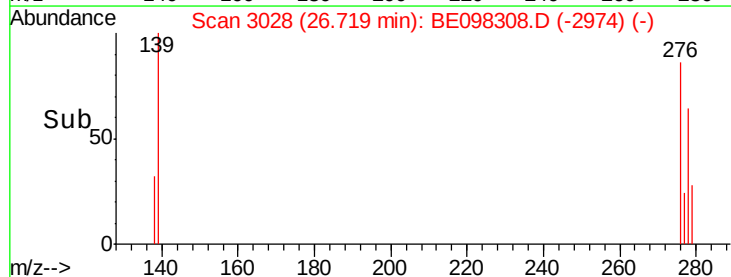
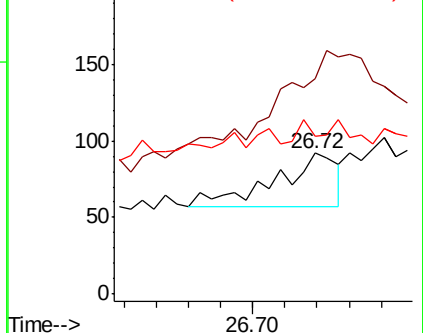
279 112.0 21.8 32.8#

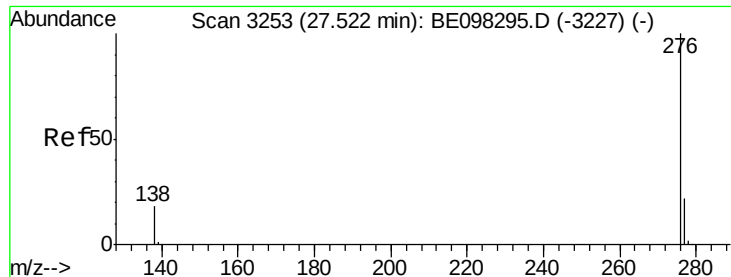


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.005 ng

RT: 27.54 min Scan# 3257

Delta R.T. 0.01 min

Lab File: BE098308.D

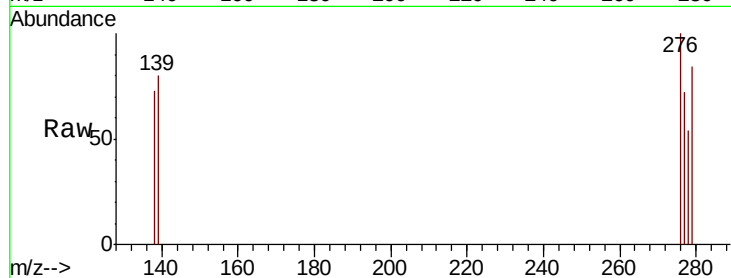
Acq: 10 Dec 2018 21:16

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW30211-20181205



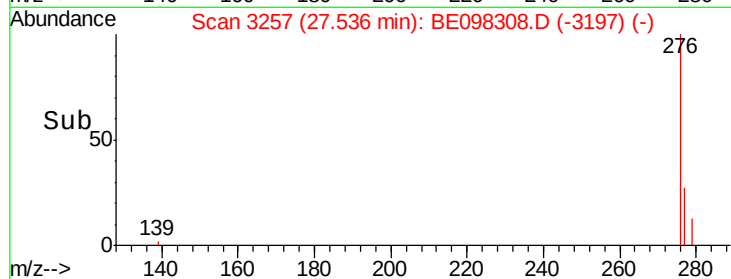
Tgt Ion: 276 Resp: 174

Ion Ratio Lower Upper

276 100

277 72.2 20.8 31.2#

138 73.1 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

