

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070519\
 Data File : BN006713.D
 Acq On : 05 Jul 2019 13:40
 Operator : HP/JU
 Sample : K3543-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW202D1-GW-20190625

Quant Time: Jul 05 22:49:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN070219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 05:30:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2533	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	10046	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	6294	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	14708	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	14800	0.40	ng	-0.02
34) Perylene-d12	23.46	264	17326	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	1009	0.15	ng	0.00
5) Phenol-d6	6.82	99	820	0.09	ng	0.00
8) Nitrobenzene-d5	8.79	82	2376	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	11.98	152	6255	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	15.77	330	1252	0.40	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	14331	0.58	ng	-0.02
25) Fluoranthene-d10	19.06	212	18372	0.44	ng	-0.02
29) Terphenyl-d14	19.66	244	16181	0.47	ng	-0.02

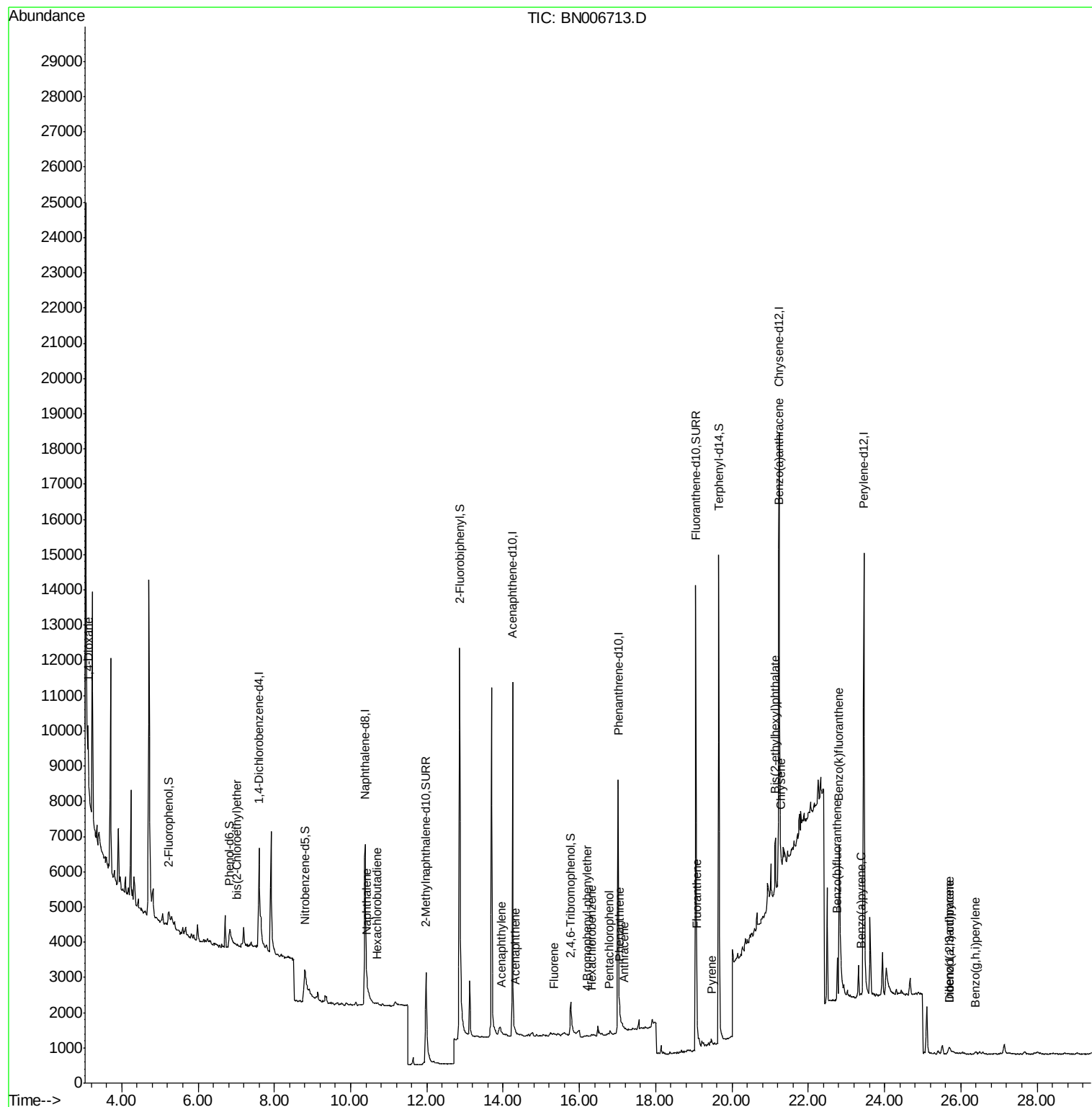
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.12	88	956	0.242	ng	# 46
6) bis(2-Chloroethyl)ether	7.03	93	25	0.003	ng	# 1
9) Naphthalene	10.43	128	109	0.004	ng	# 1
10) Hexachlorobutadiene	10.68	225	7	0.001	ng	# 90
12) 2-Methylnaphthalene	12.05	142	33	Below Cal		# 28
16) Acenaphthylene	13.96	152	144	0.005	ng	# 84
17) Acenaphthene	14.31	154	48	0.002	ng	# 68
18) Fluorene	15.32	166	60	0.002	ng	# 76
20) 4-Bromophenyl-phenylether	16.21	248	11	0.001	ng	# 26
21) Hexachlorobenzene	16.32	284	13	0.001	ng	# 1
22) Pentachlorophenol	16.79	266	29	0.132	ng	# 82
23) Phenanthrene	17.06	178	283	0.007	ng	# 95
24) Anthracene	17.16	178	86	0.002	ng	# 80
26) Fluoranthene	19.09	202	188	0.004	ng	# 97
28) Pyrene	19.46	202	174	0.003	ng	# 57
30) Benzo(a)anthracene	21.23	228	160	0.003	ng	# 1
31) Chrysene	21.28	228	115	0.002	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.14	149	1524	0.010	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.70	276	157	0.002	ng	# 55
35) Benzo(b)fluoranthene	22.76	252	128	0.002	ng	# 1
36) Benzo(k)fluoranthene	22.81	252	245	0.004	ng	# 1
37) Benzo(a)pyrene	23.37	252	77	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	25.70	278	110	0.002	ng	# 1
39) Benzo(g,h,i)perylene	26.38	276	170	0.003	ng	# 1

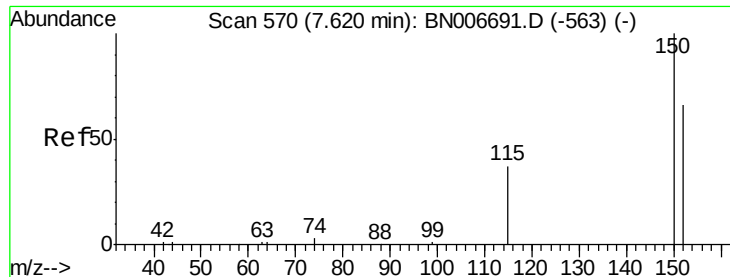
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.60 min Scan# 567

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

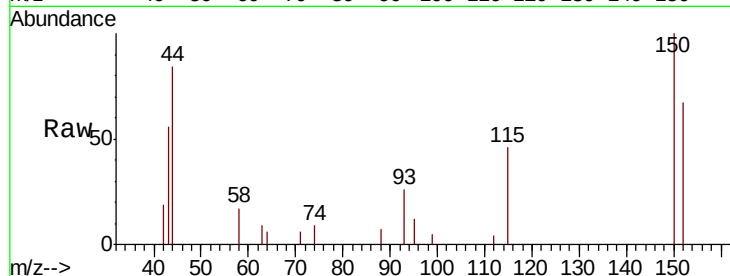
Tgt Ion: 152 Resp: 2533

Ion Ratio Lower Upper

152 100

150 149.8 120.6 181.0

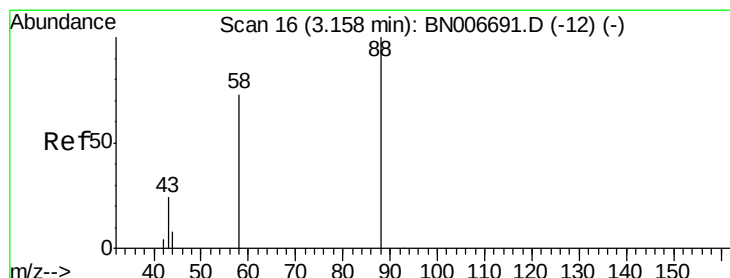
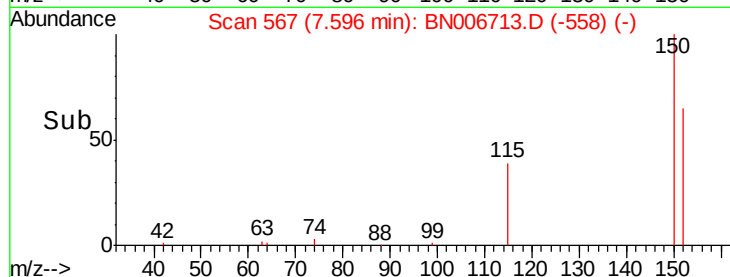
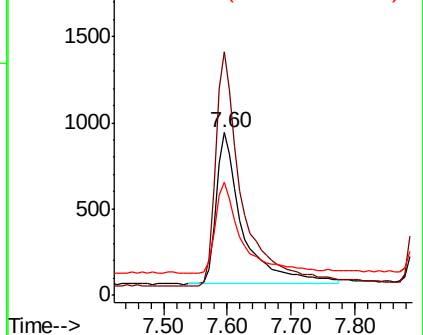
115 69.5 51.0 76.6



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: 0.242 ng

RT: 3.12 min Scan# 11

Delta R.T. -0.04 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

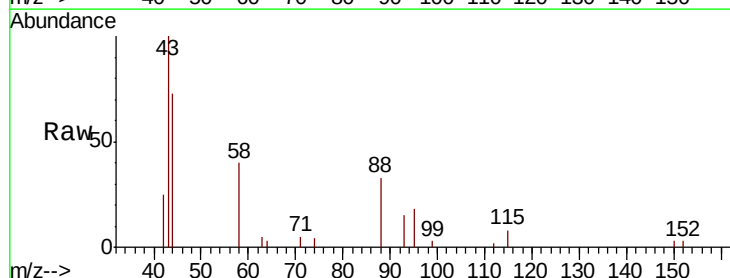
Tgt Ion: 88 Resp: 956

Ion Ratio Lower Upper

88 100

58 92.4 61.1 91.7#

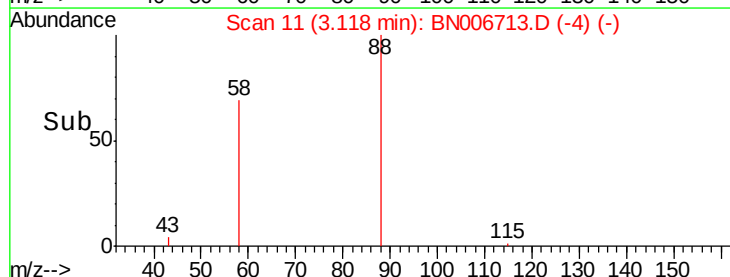
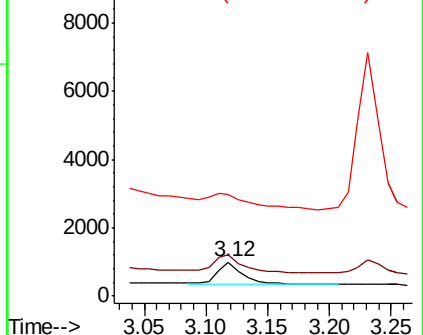
43 115.1 32.4 48.6#

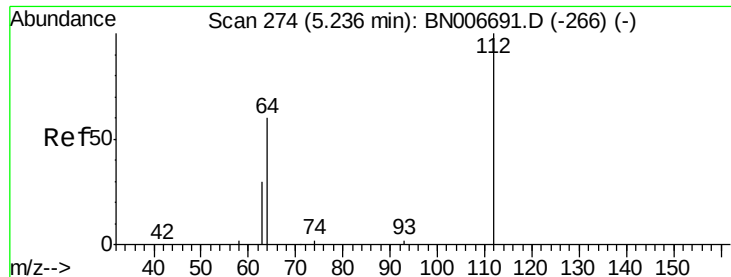


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.24 min Scan# 274

Delta R.T. 0.00 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

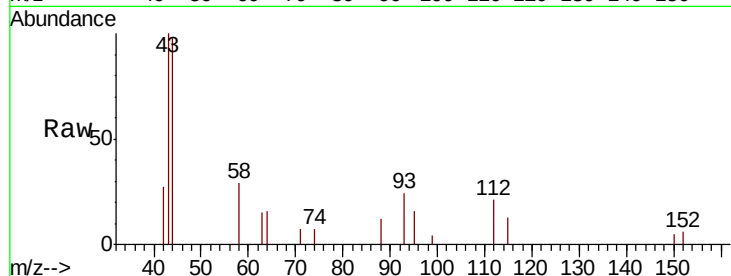
Tgt Ion: 112 Resp: 1009

Ion Ratio Lower Upper

112 100

64 67.7 49.8 74.6

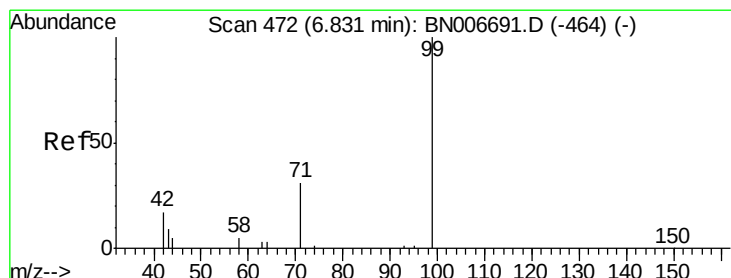
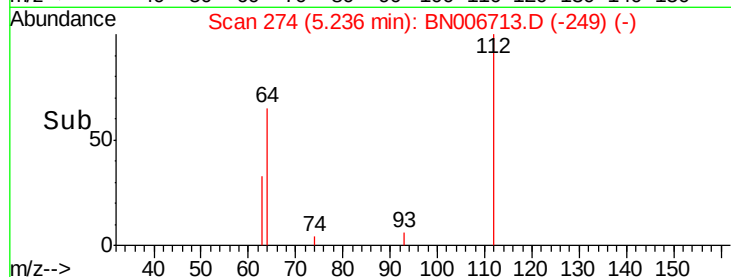
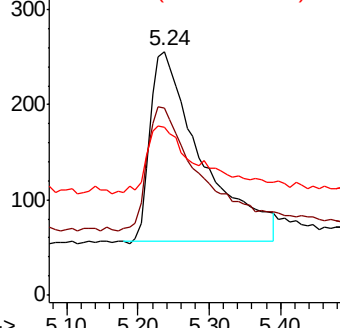
63 36.7 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.094 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

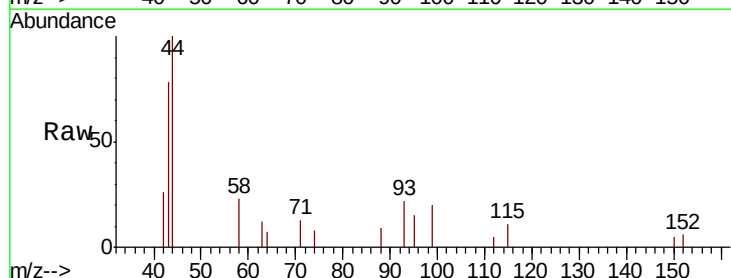
Tgt Ion: 99 Resp: 820

Ion Ratio Lower Upper

99 100

42 15.7 16.6 25.0#

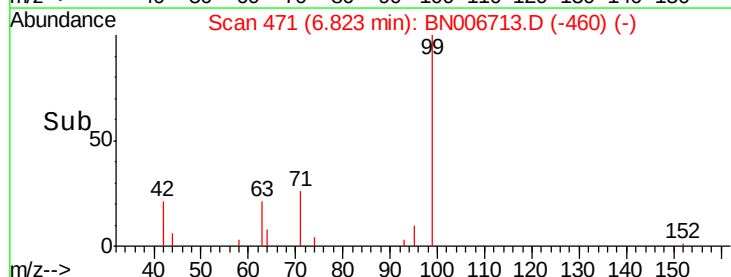
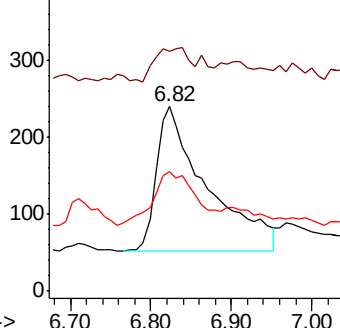
71 31.6 26.0 39.0

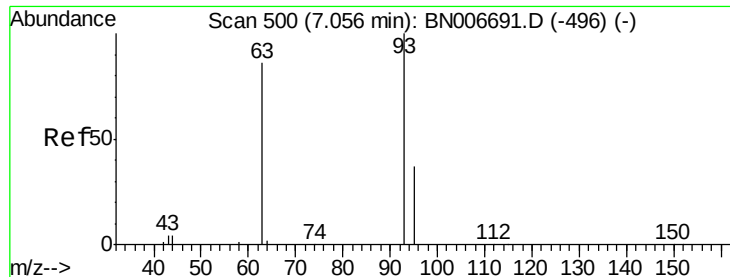


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.003 ng

RT: 7.03 min Scan# 497

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

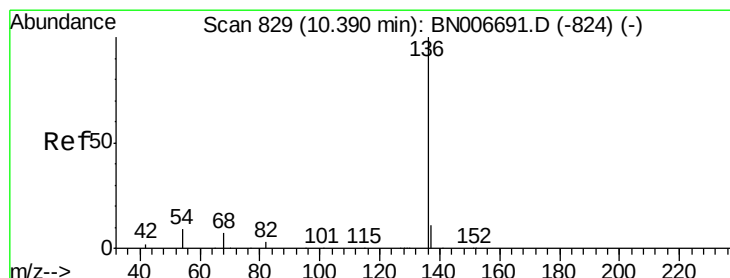
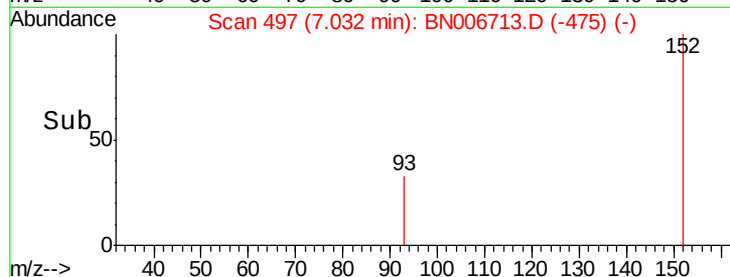
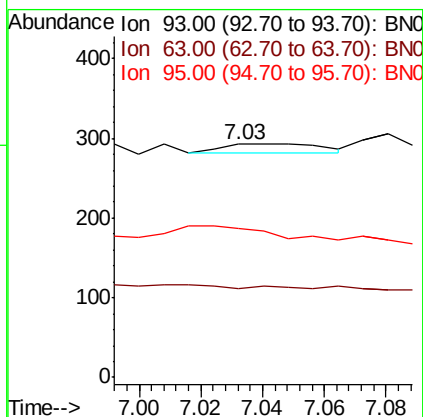
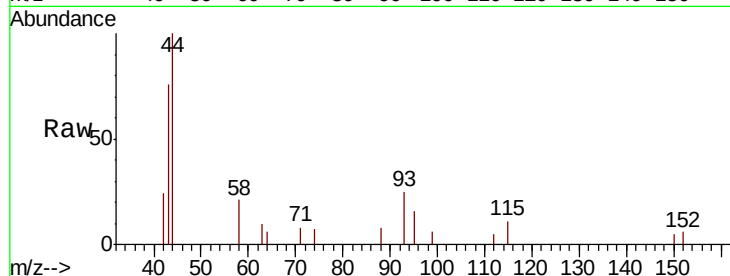
Tgt Ion: 93 Resp: 25

Ion Ratio Lower Upper

93 100

63 0.0 58.6 87.8#

95 224.0 28.3 42.5#



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 828

Delta R.T. -0.01 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Tgt Ion: 136 Resp: 10046

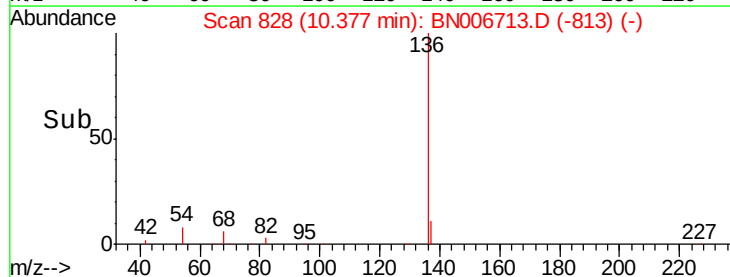
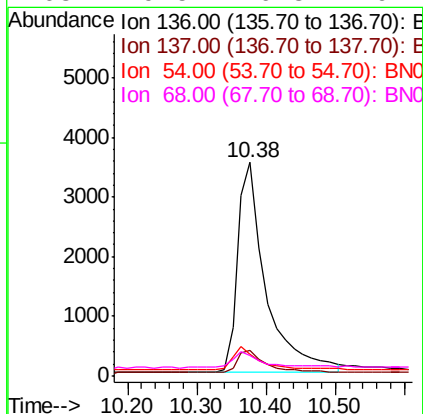
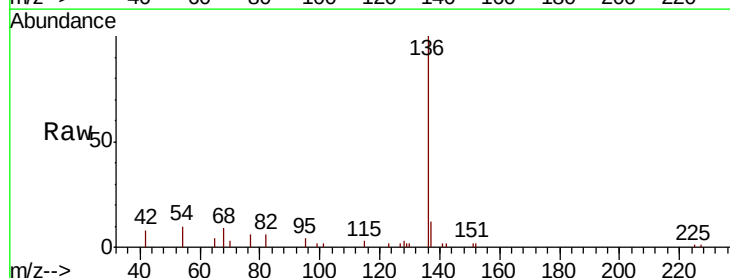
Ion Ratio Lower Upper

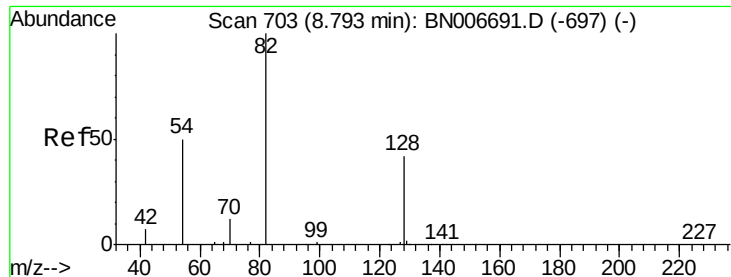
136 100

137 12.2 9.3 13.9

54 10.5 8.4 12.6

68 9.5 6.8 10.2





#8

Nitrobenzene-d5

Concen: 0.308 ng

RT: 8.79 min Scan# 703

Delta R.T. 0.00 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

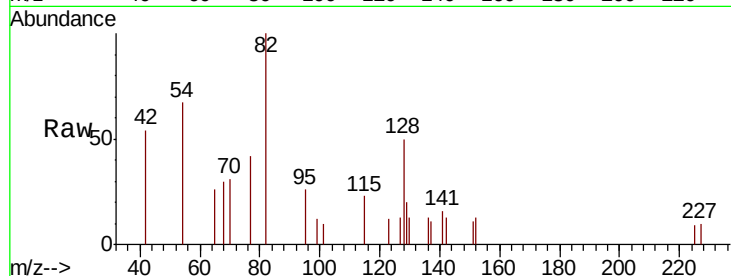
Tgt Ion: 82 Resp: 2376

Ion Ratio Lower Upper

82 100

128 50.3 36.1 54.1

54 67.4 44.5 66.7#

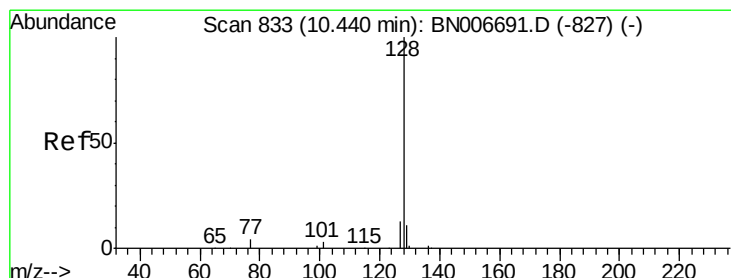
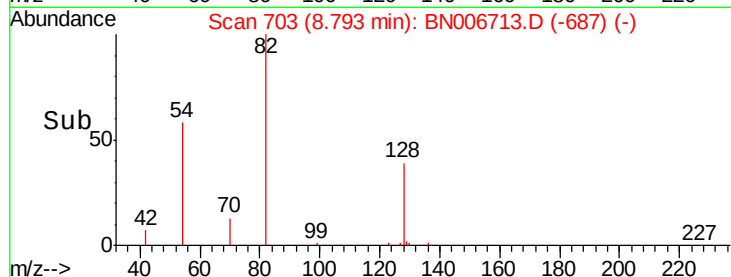
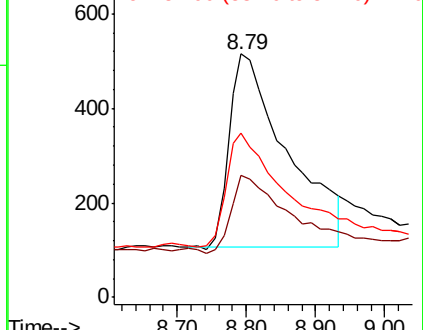


Abundance

Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#9

Naphthalene

Concen: 0.004 ng

RT: 10.43 min Scan# 832

Delta R.T. -0.01 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

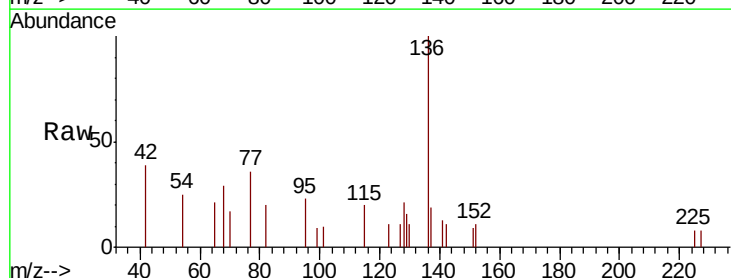
Tgt Ion: 128 Resp: 109

Ion Ratio Lower Upper

128 100

129 77.9 9.6 14.4#

127 54.1 11.0 16.4#

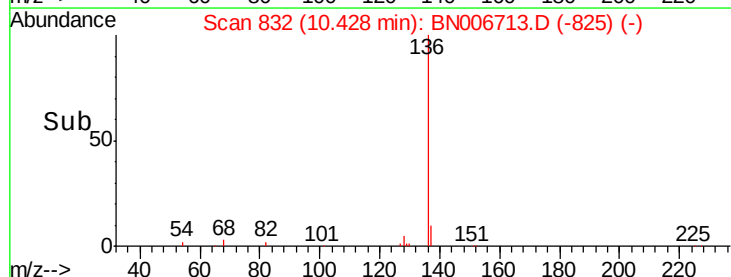
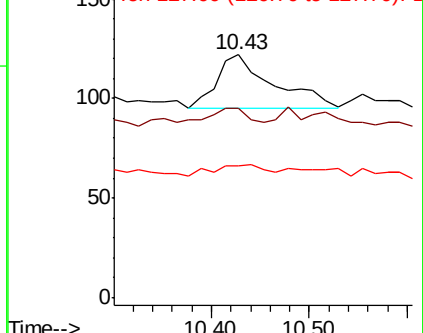


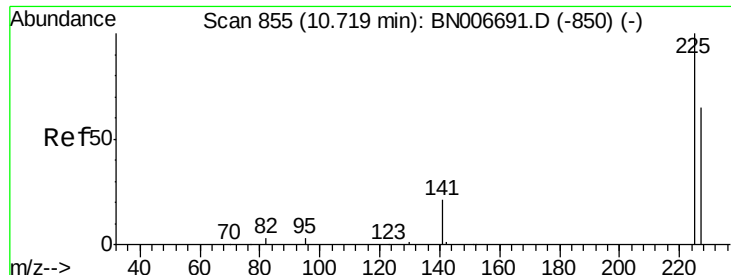
Abundance

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

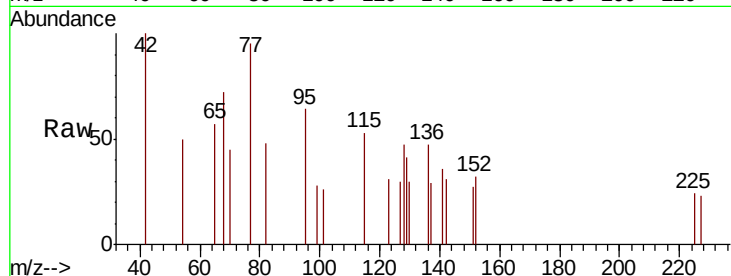




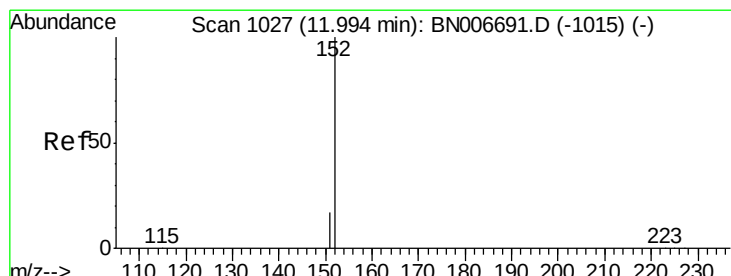
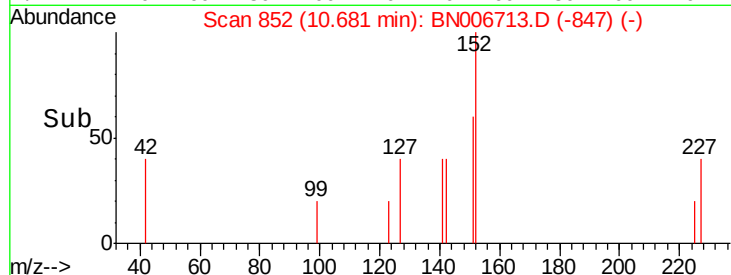
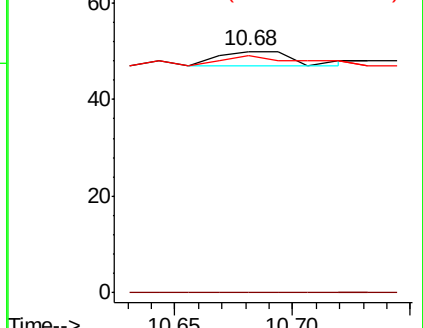
#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.68 min Scan# 852
Delta R.T. -0.04 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

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Tgt Ion: 225 Resp: 7
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 71.4 50.9 76.3

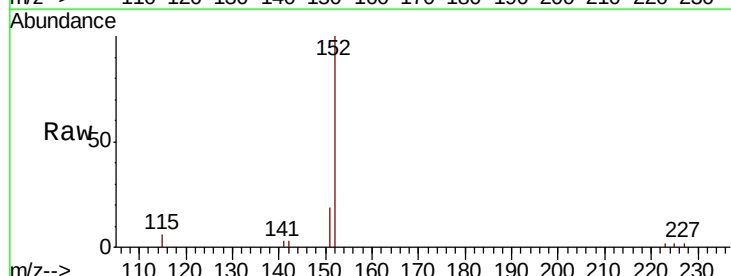


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

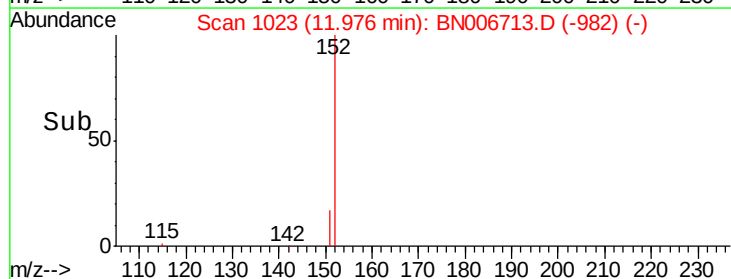
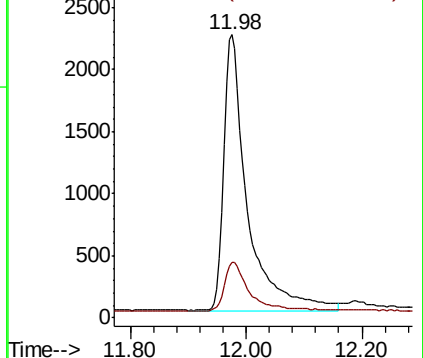


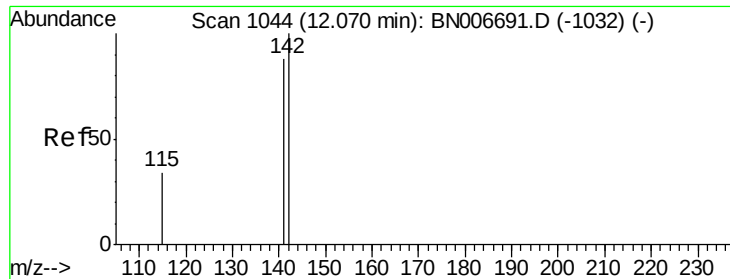
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 11.98 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion: 152 Resp: 6255
Ion Ratio Lower Upper
152 100
151 18.8 14.9 22.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E

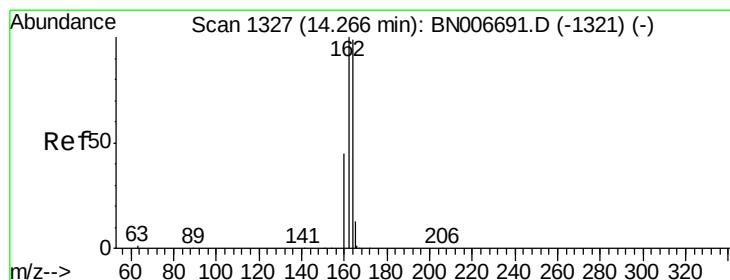
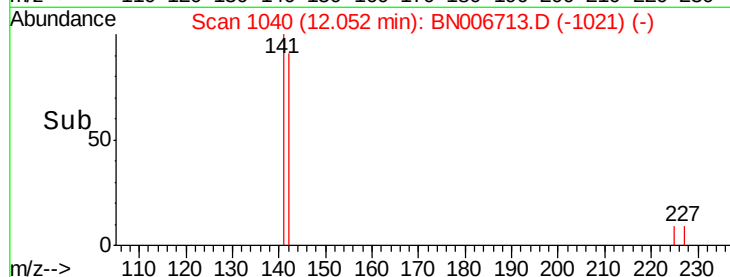
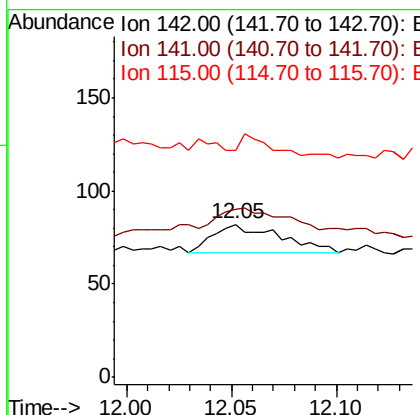
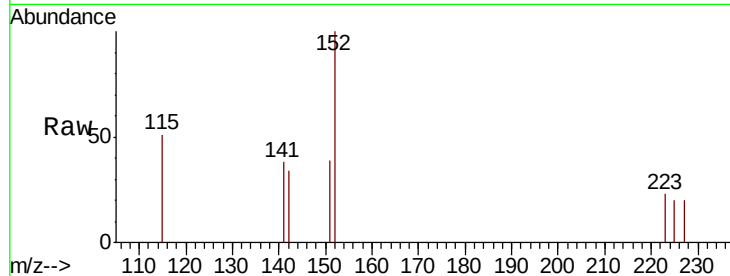




#12
2-Methylnaphthalene
Concen: Below Cal
RT: 12.05 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

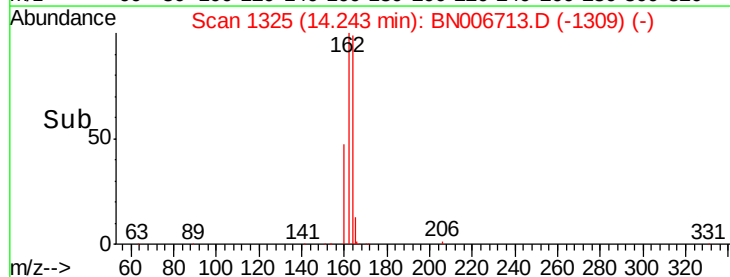
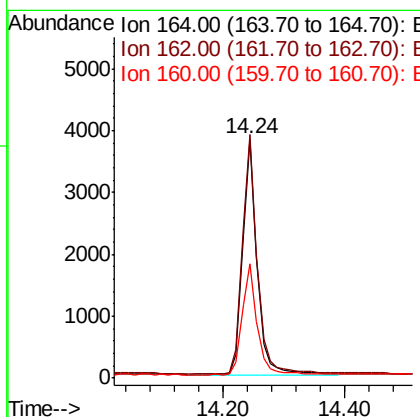
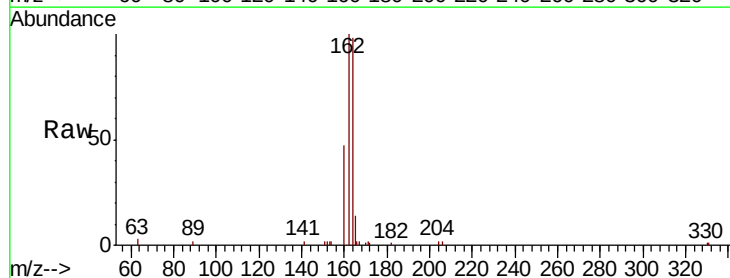
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

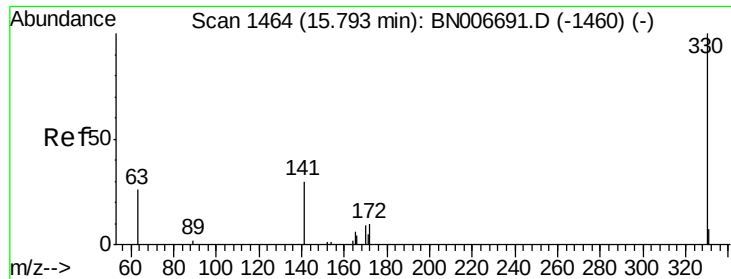
Tgt Ion:142 Resp: 33
Ion Ratio Lower Upper
142 100
141 109.8 70.3 105.5#
115 148.8 28.9 43.3#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:164 Resp: 6294
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 47.9 37.0 55.6

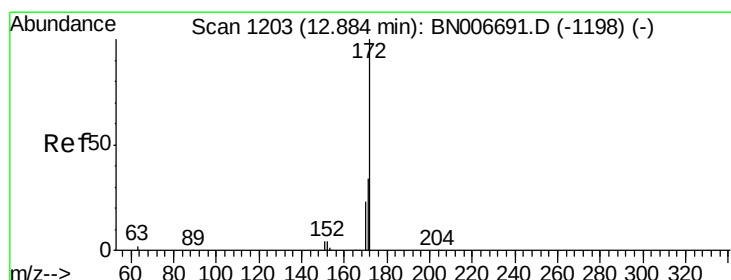
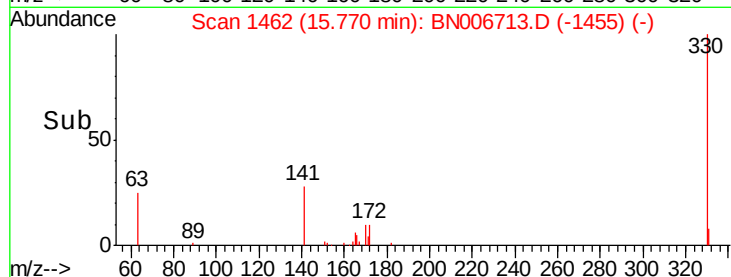
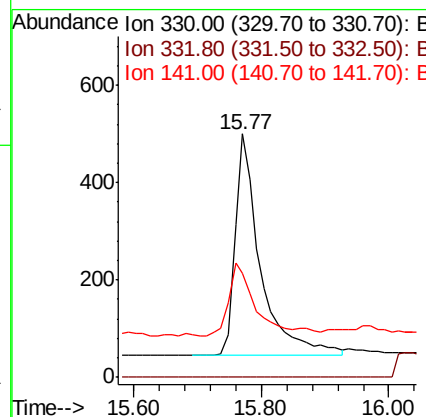
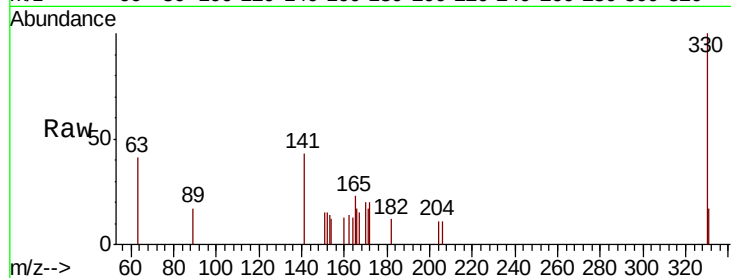




#14
 2,4,6-Tribromophenol
 Concen: 0.405 ng
 RT: 15.77 min Scan# 1462
 Delta R.T. -0.02 min
 Lab File: BN006713.D
 Acq: 05 Jul 2019 13:40

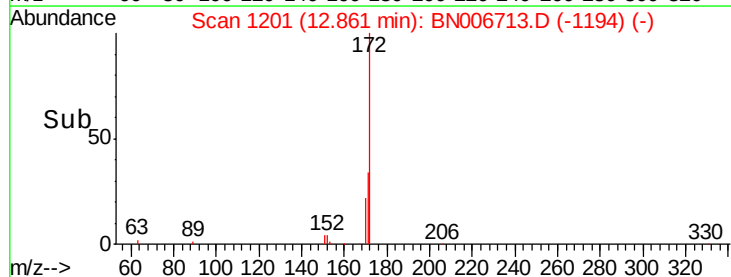
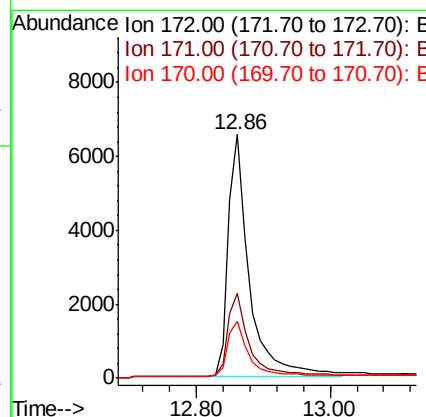
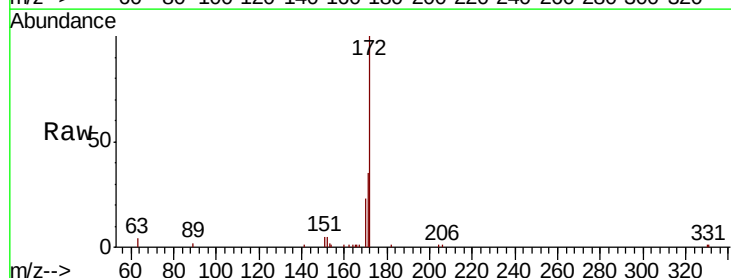
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW202D1-GW-20190625

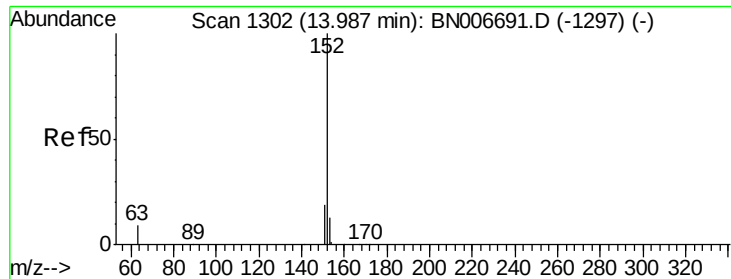
Tgt Ion: 330 Resp: 1252
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.7 24.8 37.2



#15
 2-Fluorobiphenyl
 Concen: 0.582 ng
 RT: 12.86 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BN006713.D
 Acq: 05 Jul 2019 13:40

Tgt Ion: 172 Resp: 14331
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.6
 170 23.1 18.9 28.3

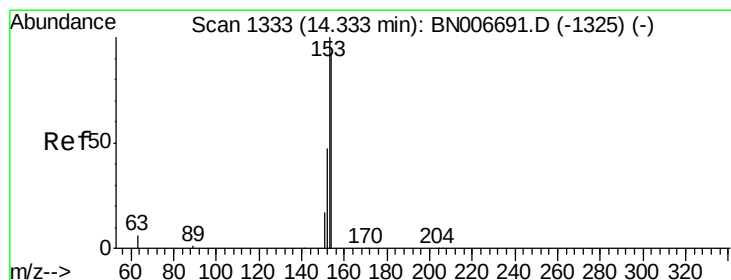
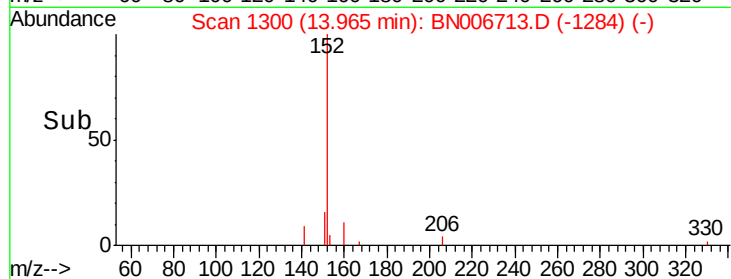
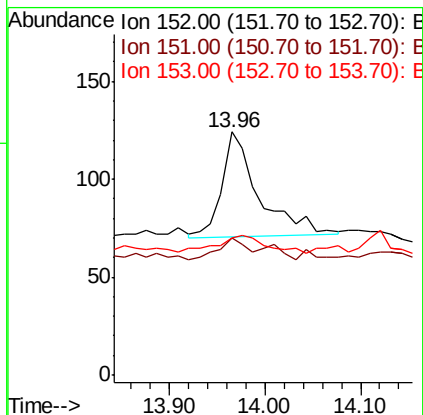
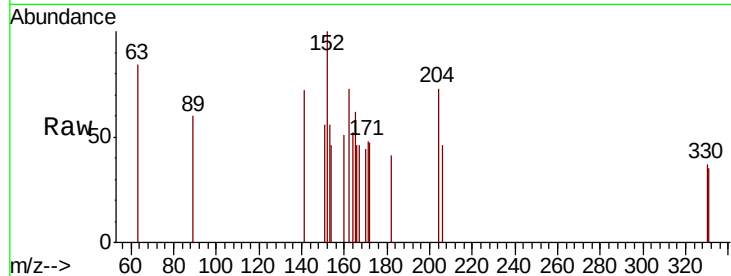




#16
Acenaphthylene
Concen: 0.005 ng
RT: 13.96 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

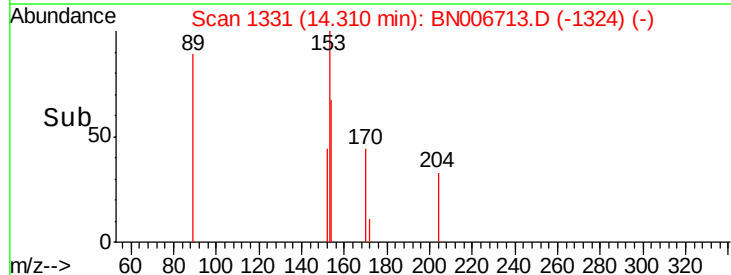
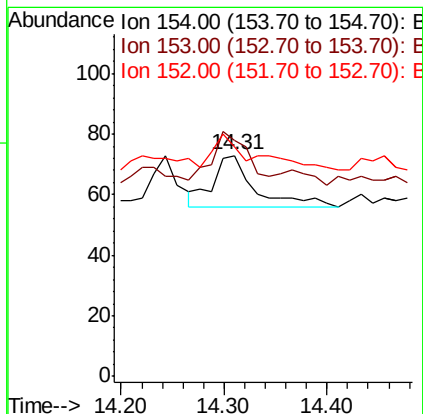
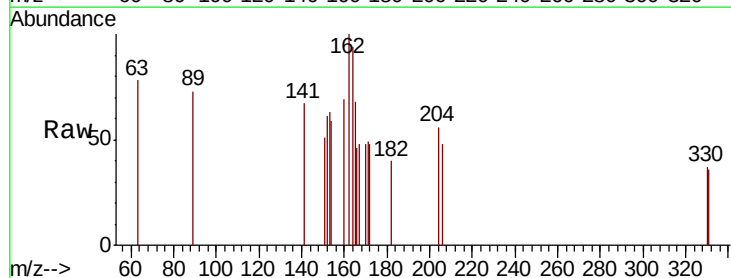
Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

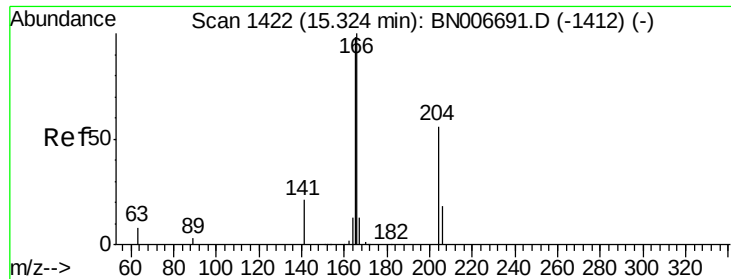
Tgt Ion:152 Resp: 144
Ion Ratio Lower Upper
152 100
151 15.3 15.7 23.5#
153 23.6 10.6 15.8#



#17
Acenaphthene
Concen: 0.002 ng
RT: 14.31 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:154 Resp: 48
Ion Ratio Lower Upper
154 100
153 72.9 88.9 133.3#
152 70.8 42.8 64.2#





#18

Fluorene

Concen: 0.002 ng

RT: 15.32 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

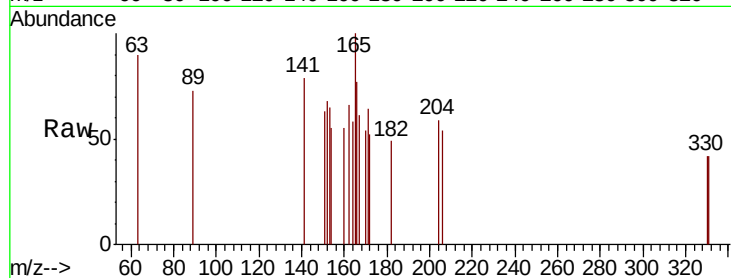
Tgt Ion:166 Resp: 60

Ion Ratio Lower Upper

166 100

165 120.0 78.0 117.0#

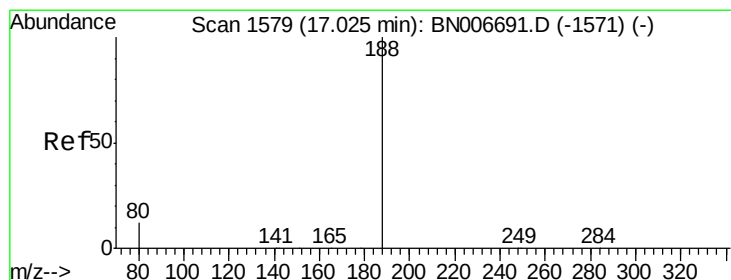
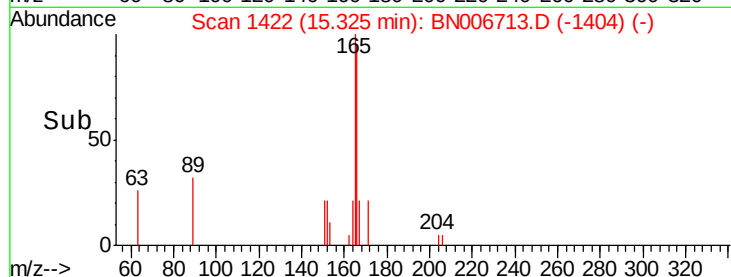
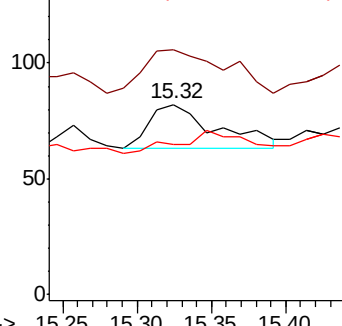
167 0.0 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.01 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

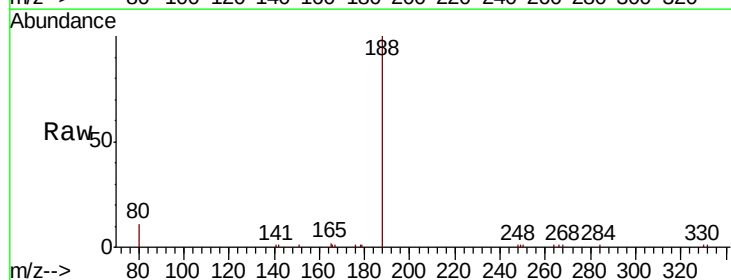
Tgt Ion:188 Resp: 14708

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

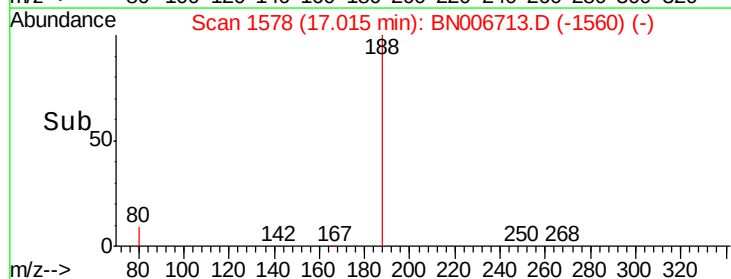
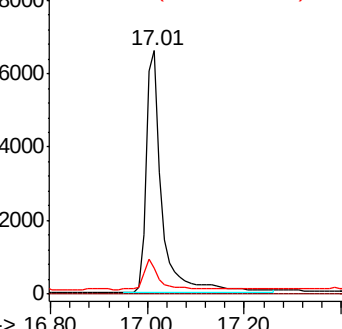
80 10.9 10.3 15.5

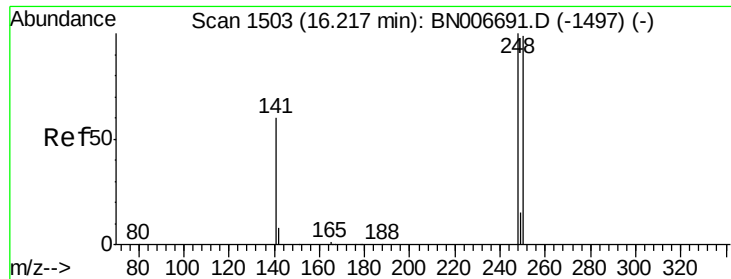


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

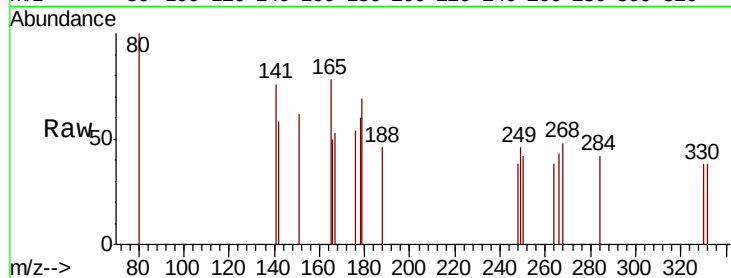




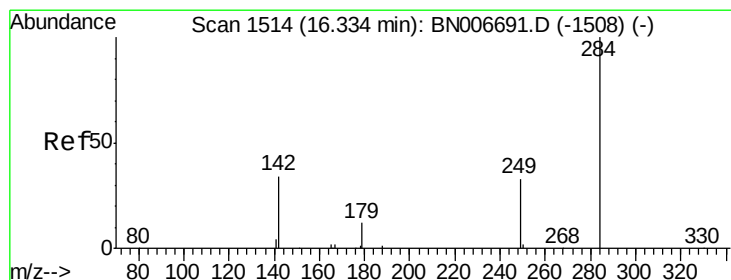
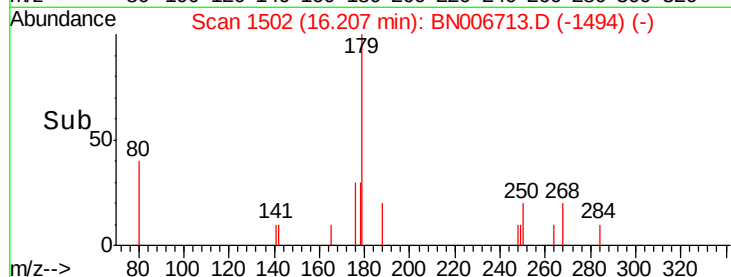
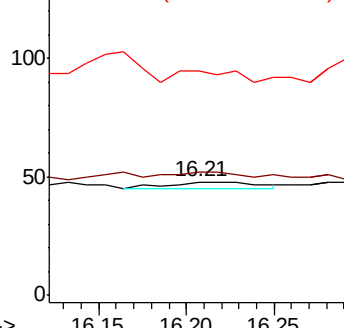
#20
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Instrument :
BNA_N
ClientSampleId :
BP-TT-MW202D1-GW-20190625

Tgt Ion:248 Resp: 11
Ion Ratio Lower Upper
248 100
250 108.3 79.0 118.6
141 197.9 50.2 75.4#

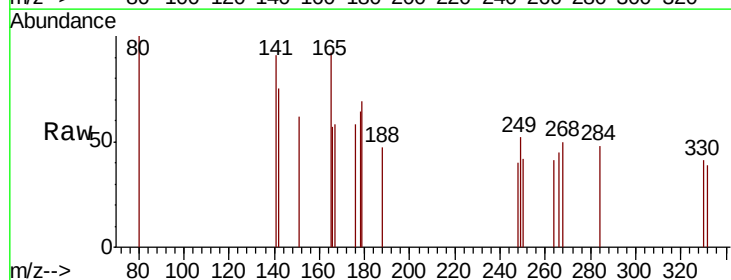


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

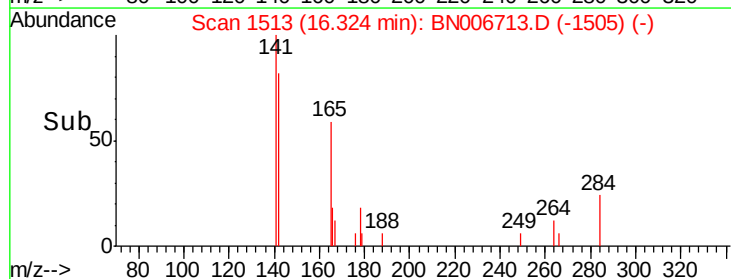
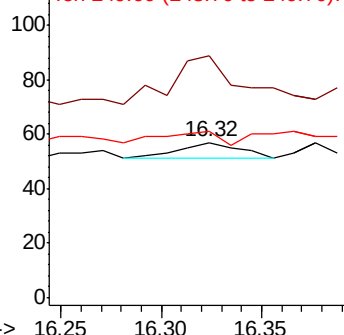


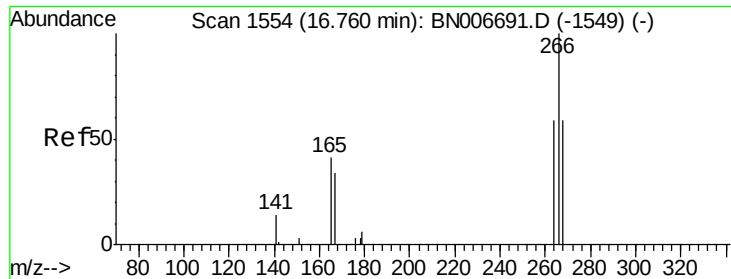
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BN006713.D
Acq: 05 Jul 2019 13:40

Tgt Ion:284 Resp: 13
Ion Ratio Lower Upper
284 100
142 238.5 26.9 40.3#
249 76.9 24.4 36.6#



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: 0.132 ng

RT: 16.79 min Scan# 1557

Delta R.T. 0.03 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

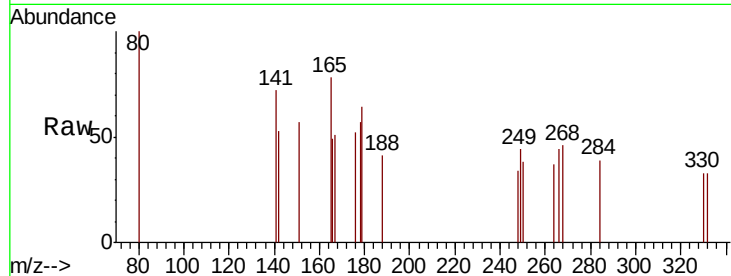
Tgt Ion:266 Resp: 29

Ion Ratio Lower Upper

266 100

264 83.6 57.6 86.4

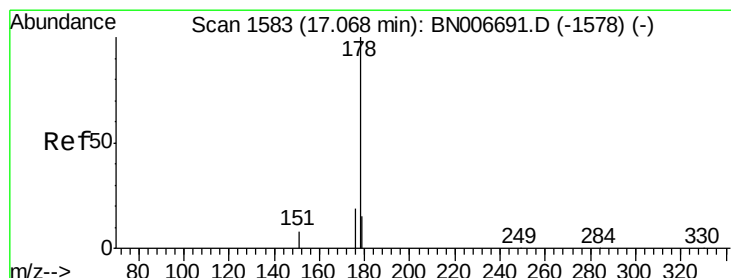
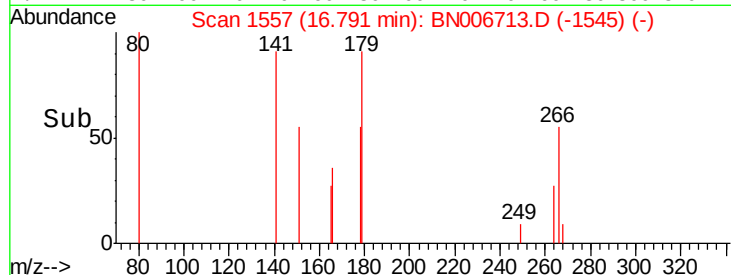
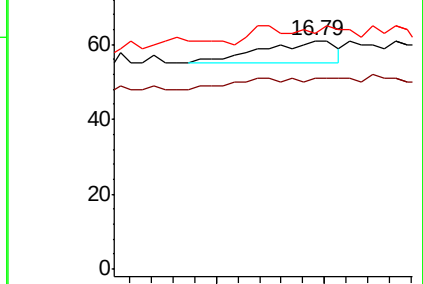
268 103.3 66.6 99.8#



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: 0.007 ng

RT: 17.06 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

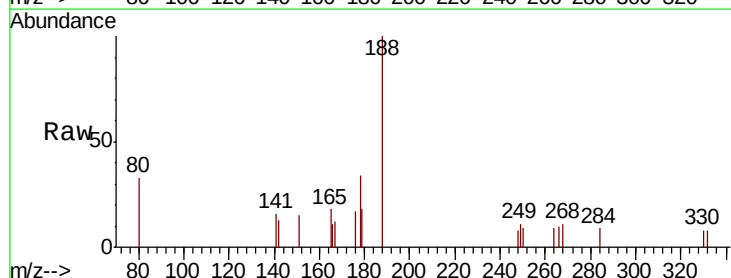
Tgt Ion:178 Resp: 283

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

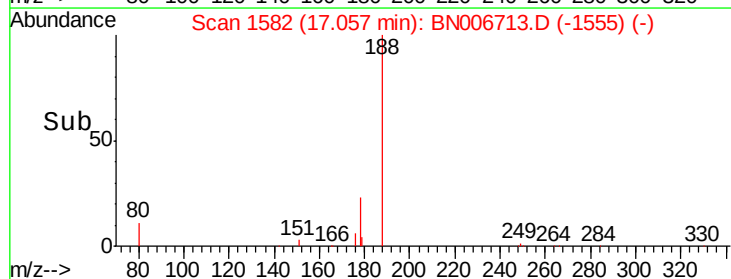
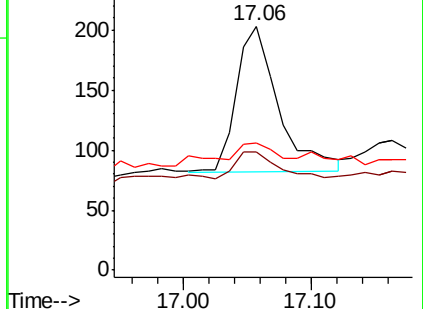
179 19.8 12.4 18.6#

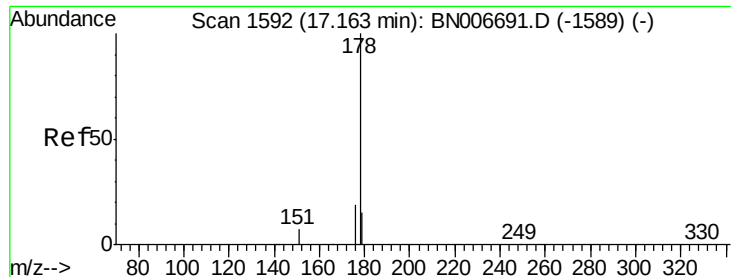


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.002 ng

RT: 17.16 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

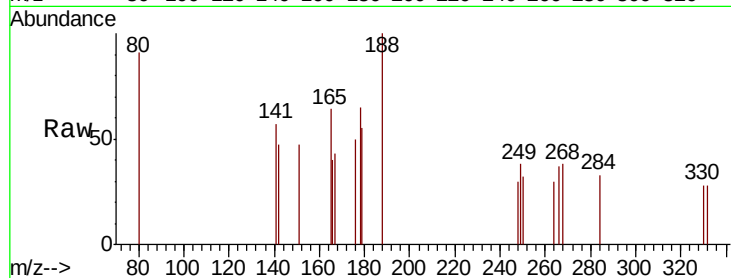
Tgt Ion:178 Resp: 86

Ion Ratio Lower Upper

178 100

176 22.1 14.8 22.2

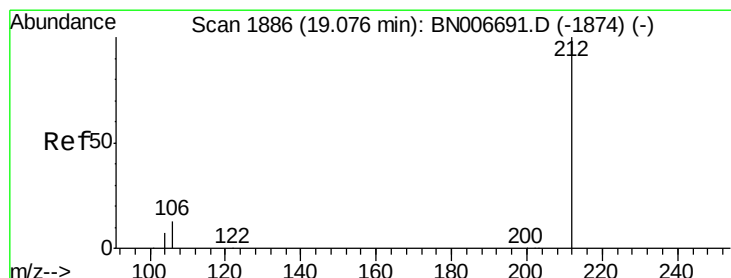
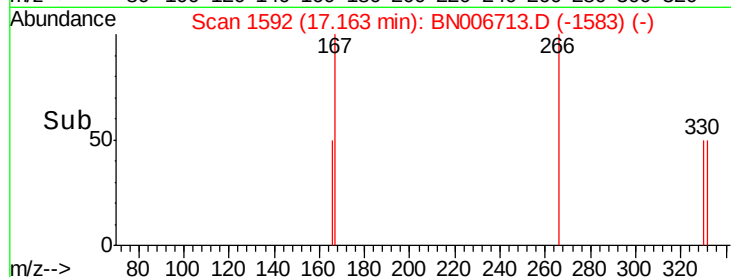
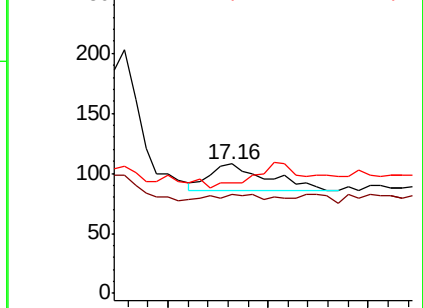
179 0.0 11.9 17.9#



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: 0.437 ng

RT: 19.06 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

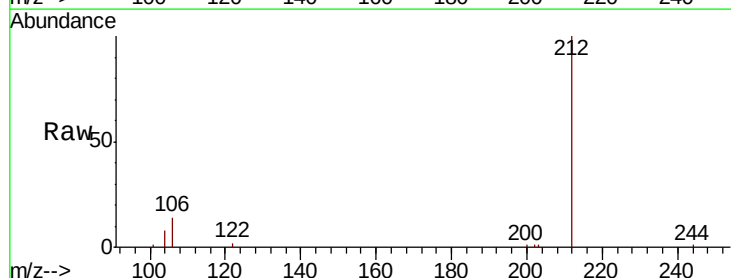
Tgt Ion:212 Resp: 18372

Ion Ratio Lower Upper

212 100

106 13.2 11.0 16.6

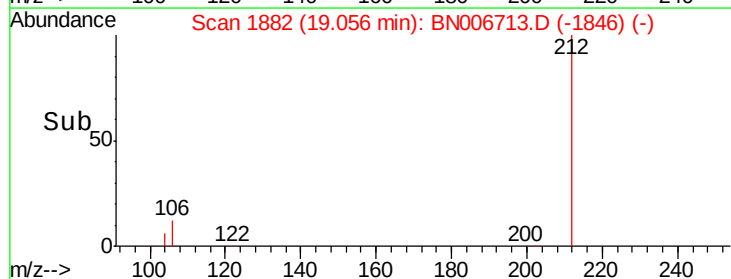
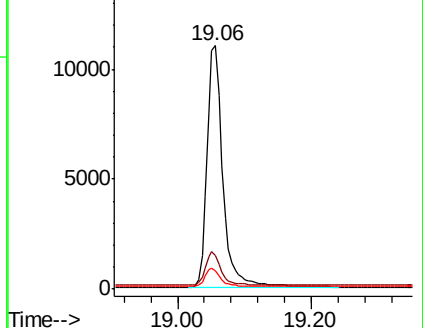
104 7.3 6.1 9.1

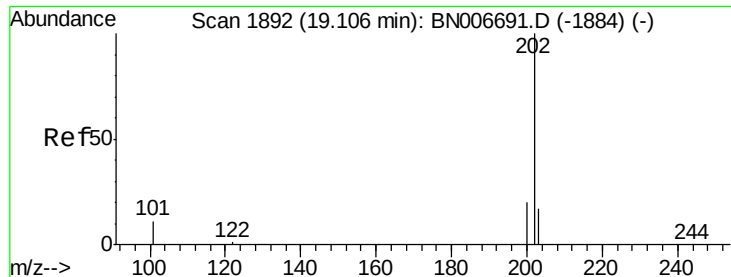


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#26

Fluoranthene

Concen: 0.004 ng

RT: 19.09 min Scan# 1888

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

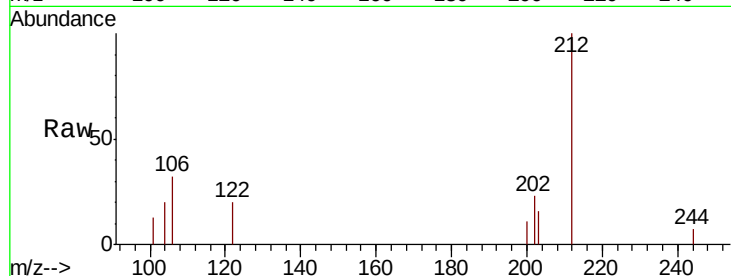
BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

Tgt Ion:202 Resp: 188

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.7	13.1
203	19.1	13.8	20.6

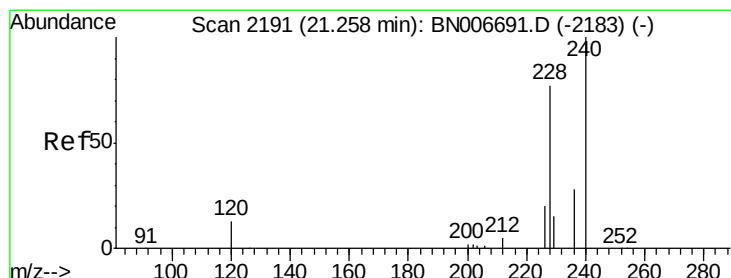
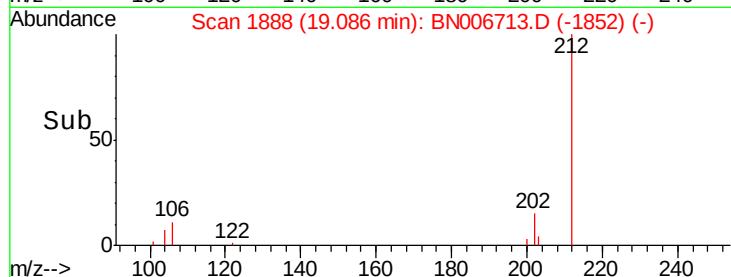
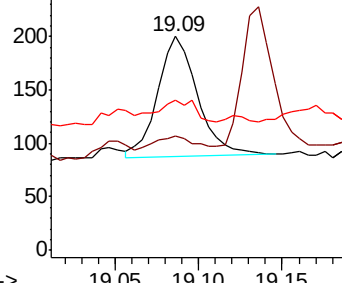


Abundance

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: 21.24 min Scan# 2189

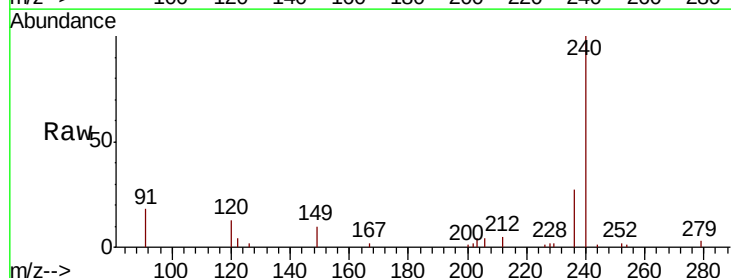
Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Tgt Ion:240 Resp: 14800

Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.9	19.3#
236	26.7	23.2	34.8

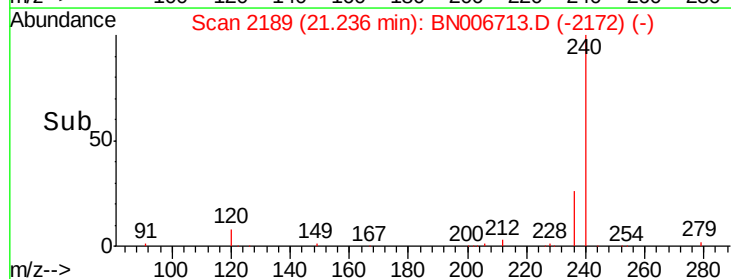
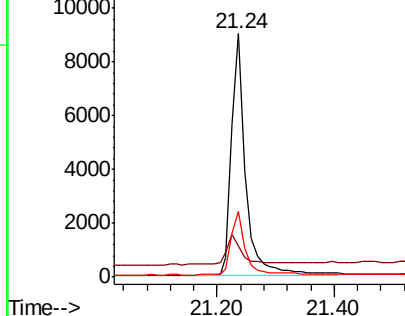


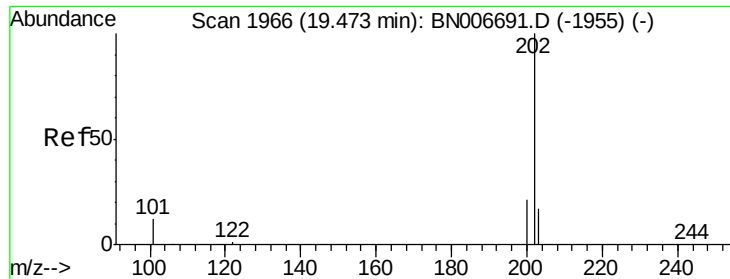
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Pyrene

Concen: 0.003 ng

RT: 19.46 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

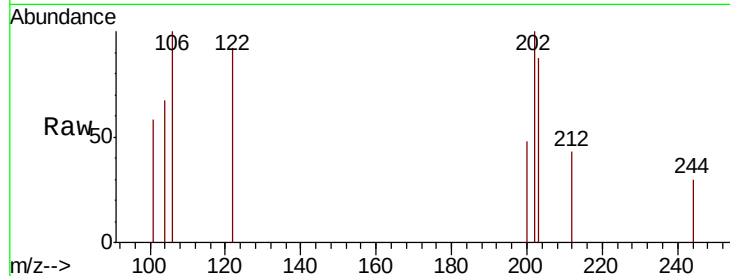
Tgt Ion:202 Resp: 174

Ion Ratio Lower Upper

202 100

200 31.0 16.8 25.2#

203 48.3 14.2 21.2#

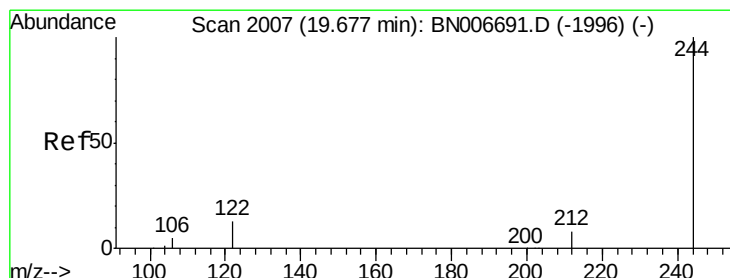
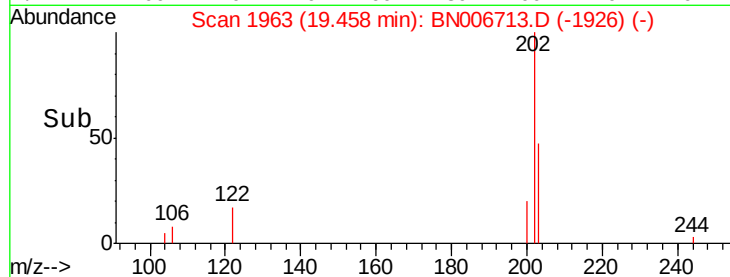
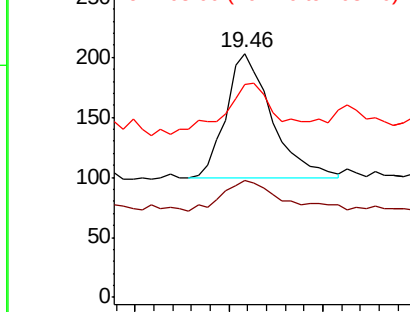


Abundance

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: 0.475 ng

RT: 19.66 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

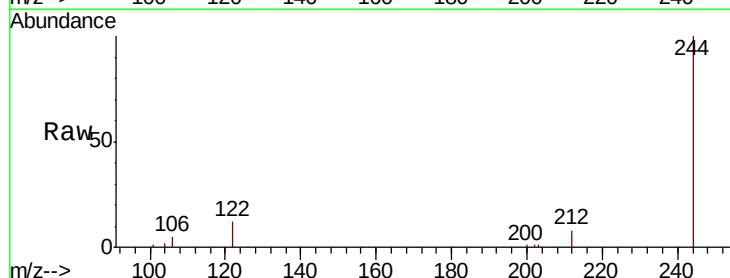
Tgt Ion:244 Resp: 16181

Ion Ratio Lower Upper

244 100

212 7.7 7.0 10.4

122 12.4 11.5 17.3

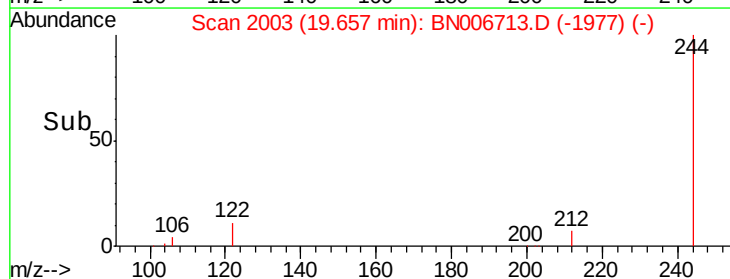
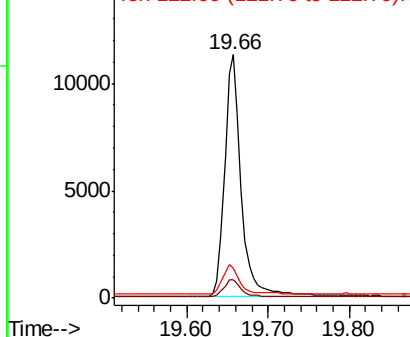


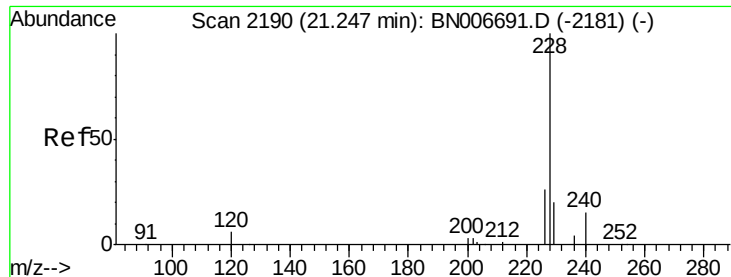
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.23 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

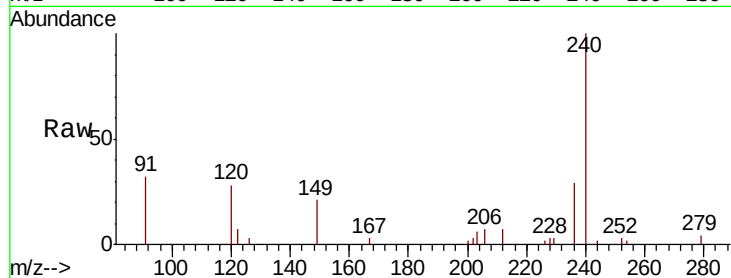
Tgt Ion:228 Resp: 160

Ion Ratio Lower Upper

228 100

226 69.9 21.5 32.3#

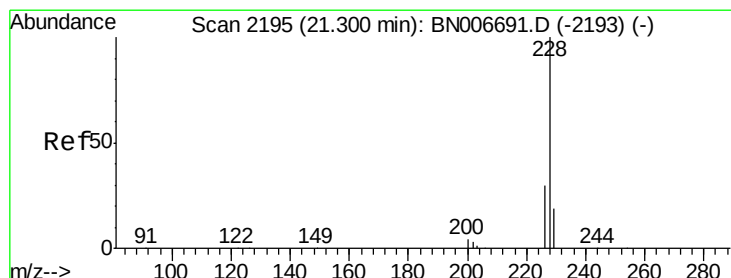
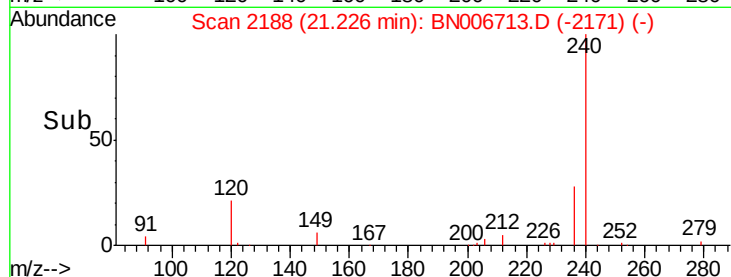
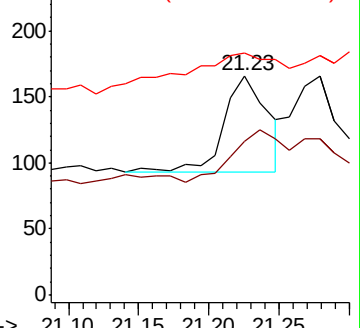
229 110.2 16.2 24.4#



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



#31

Chrysene

Concen: 0.002 ng

RT: 21.28 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

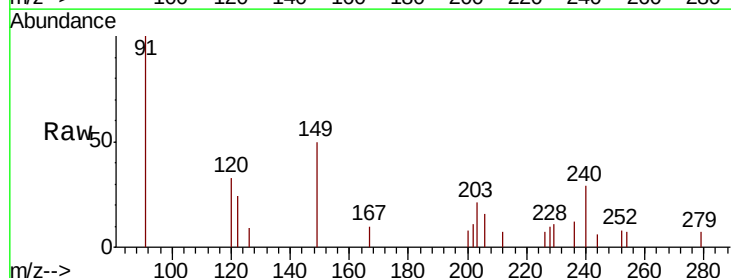
Tgt Ion:228 Resp: 115

Ion Ratio Lower Upper

228 100

226 71.1 24.2 36.2#

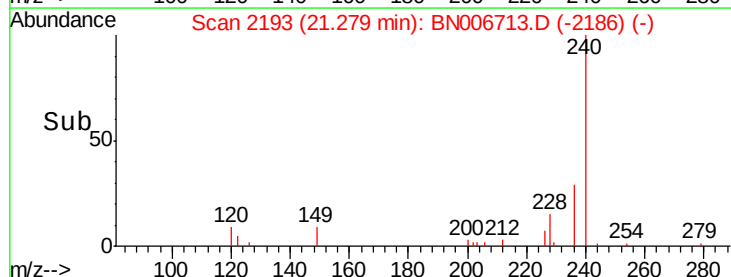
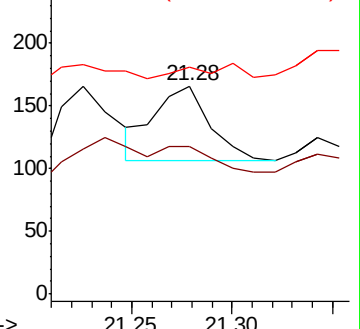
229 109.0 15.8 23.6#

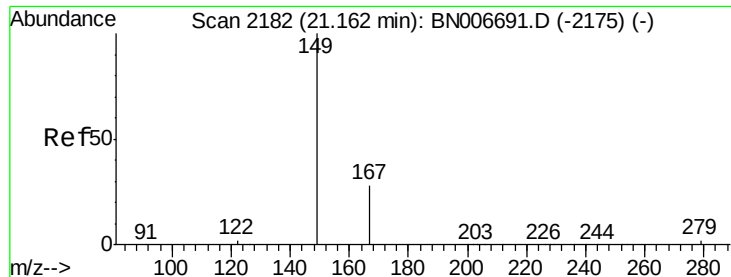


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.010 ng

RT: 21.14 min Scan# 2180

Delta R.T. -0.02 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

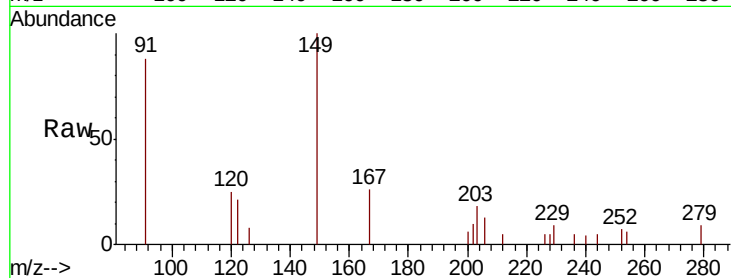
Tgt Ion:149 Resp: 1524

Ion Ratio Lower Upper

149 100

167 29.1 22.9 34.3

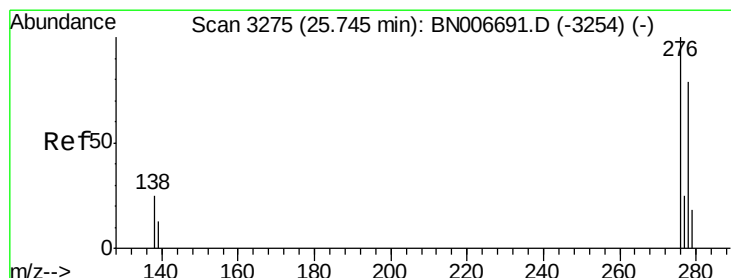
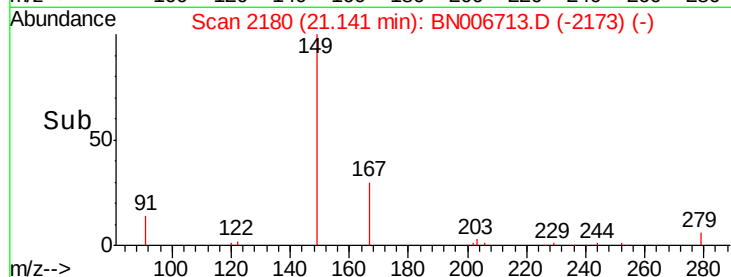
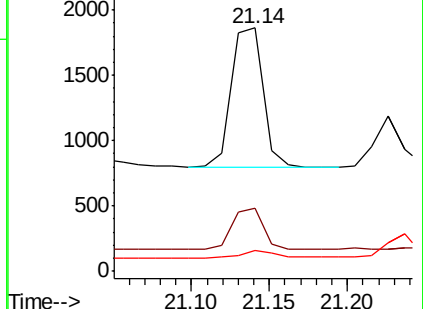
279 5.6 3.2 4.8#



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: 25.70 min Scan# 3262

Delta R.T. -0.04 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

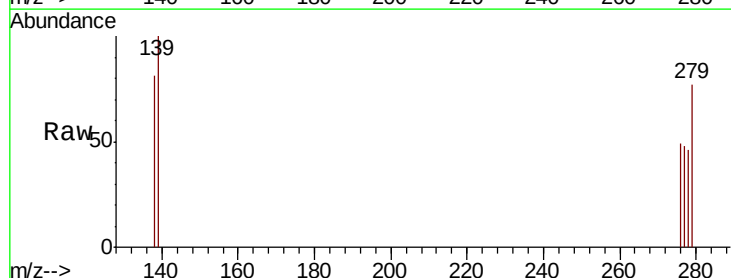
Tgt Ion:276 Resp: 157

Ion Ratio Lower Upper

276 100

138 0.0 19.5 29.3#

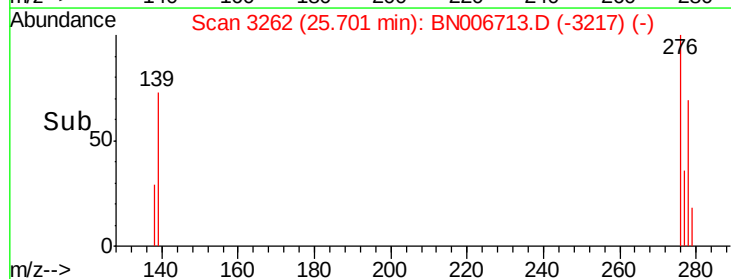
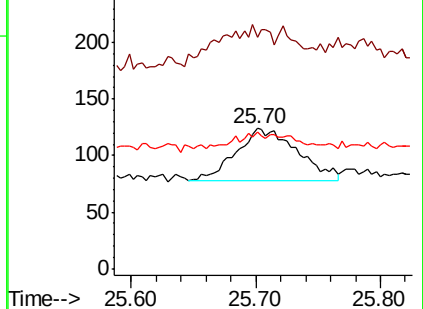
277 4.5 19.7 29.5#

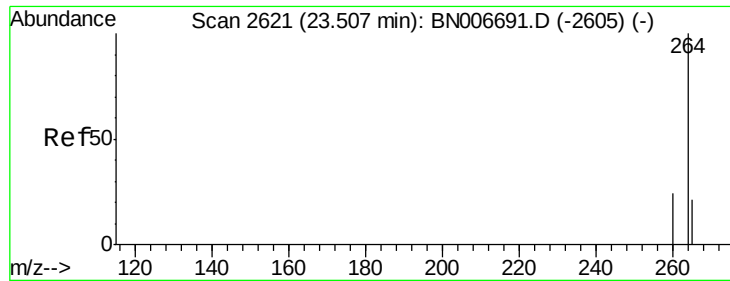


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

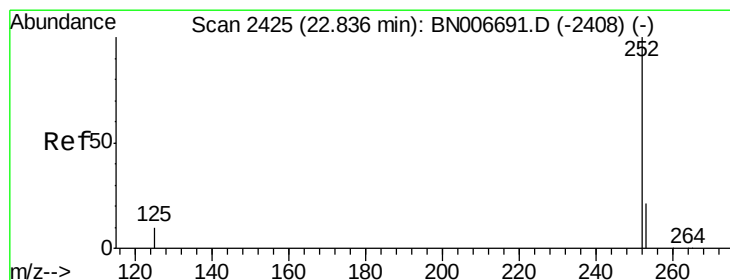
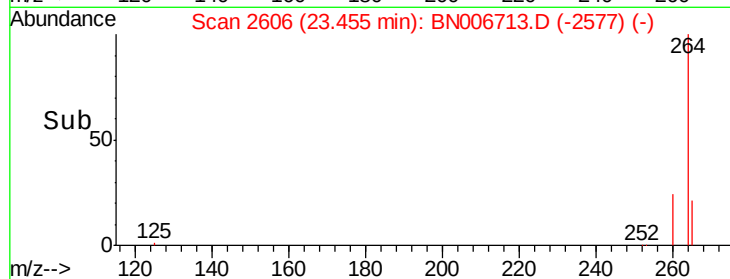
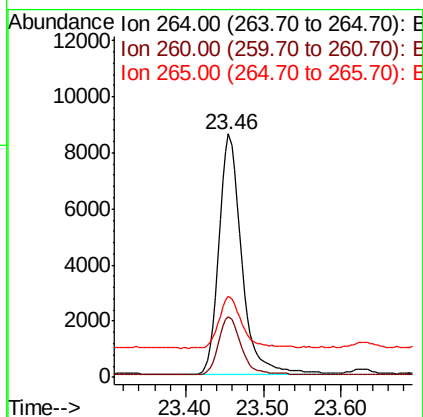
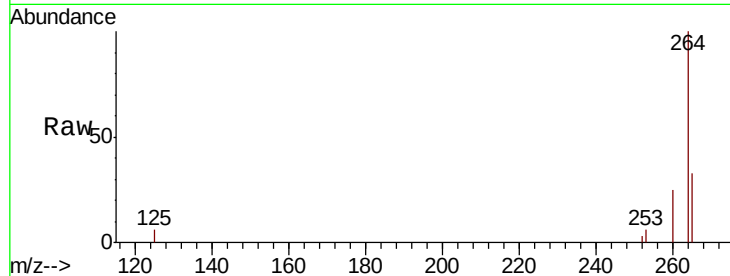




#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.46 min Scan# 2606
 Delta R.T. -0.05 min
 Lab File: BN006713.D
 Acq: 05 Jul 2019 13:40

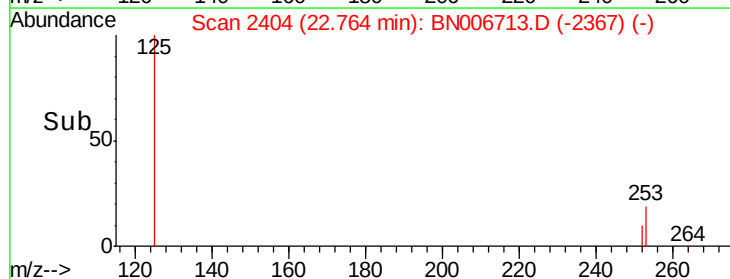
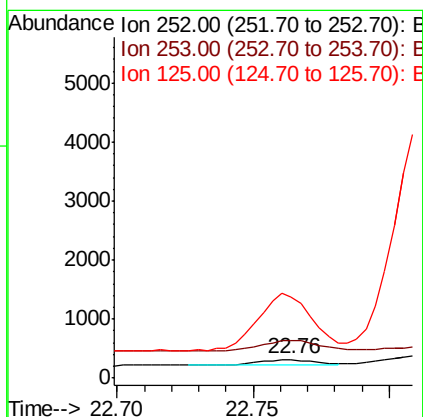
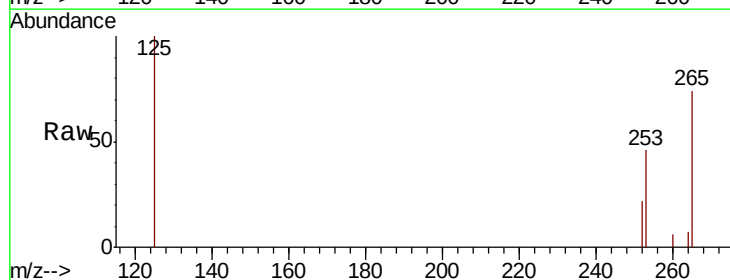
Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-MW202D1-GW-20190625

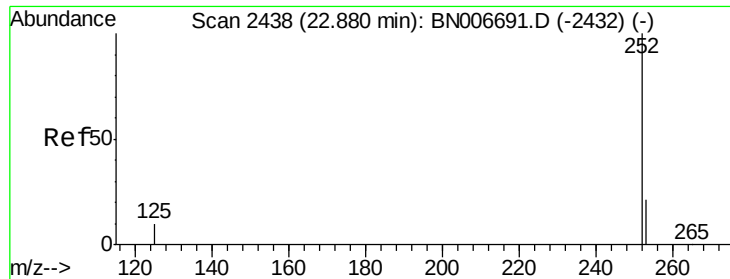
Tgt Ion: 264 Resp: 17326
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.2 30.2
 265 33.1 33.7 50.5#



#35
Benzo(b)fluoranthene
 Concen: 0.002 ng
 RT: 22.76 min Scan# 2404
 Delta R.T. -0.07 min
 Lab File: BN006713.D
 Acq: 05 Jul 2019 13:40

Tgt Ion: 252 Resp: 128
 Ion Ratio Lower Upper
 252 100
 253 206.8 20.2 30.2#
 125 445.8 11.5 17.3#





#36

Benzo(k)fluoranthene

Concen: 0.004 ng

RT: 22.81 min Scan# 2417

Delta R.T. -0.07 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

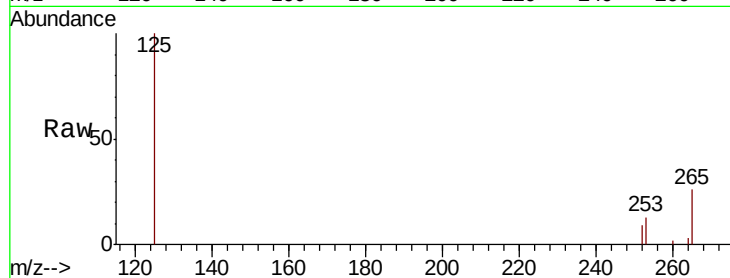
Tgt Ion:252 Resp: 245

Ion Ratio Lower Upper

252 100

253 141.5 20.1 30.1#

125 1126.8 11.4 17.0#

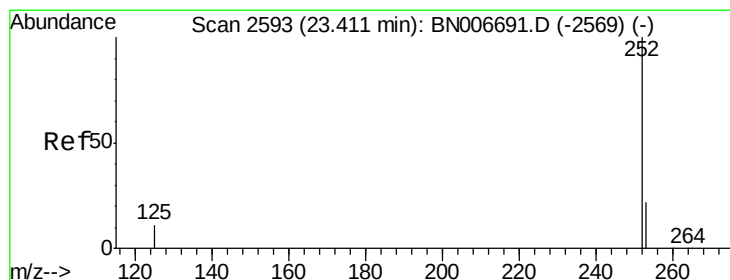
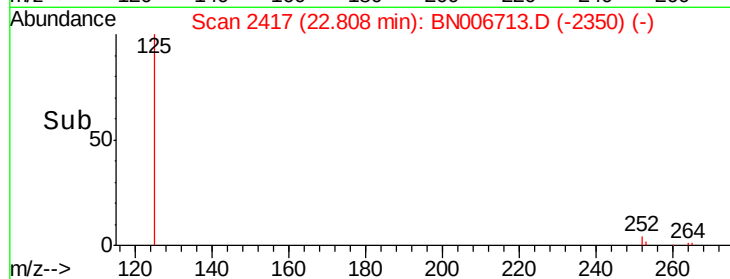
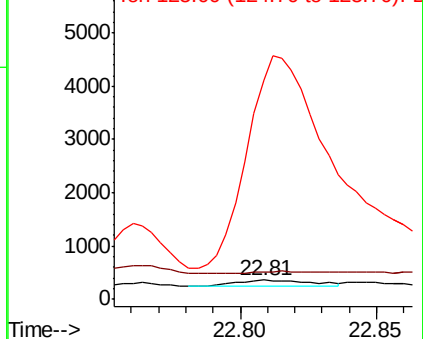


Abundance

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: 0.001 ng

RT: 23.37 min Scan# 2582

Delta R.T. -0.04 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

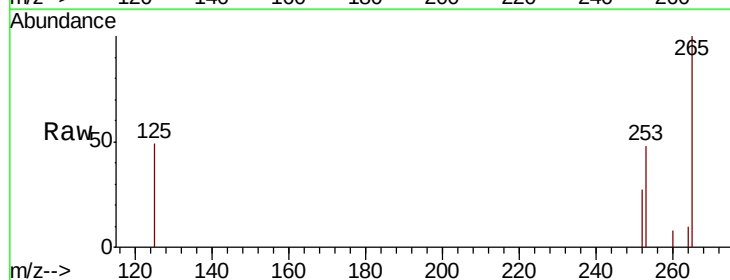
Tgt Ion:252 Resp: 77

Ion Ratio Lower Upper

252 100

253 178.2 21.4 32.2#

125 180.4 13.3 19.9#

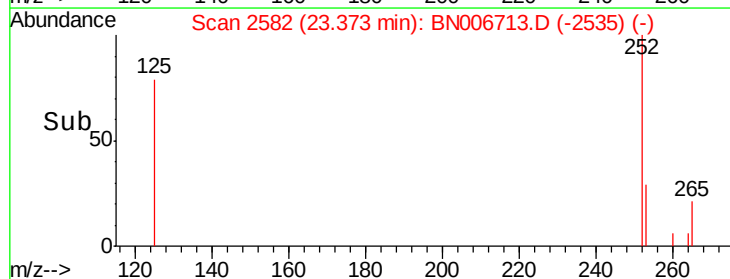
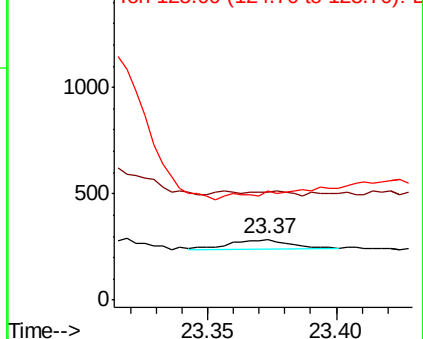


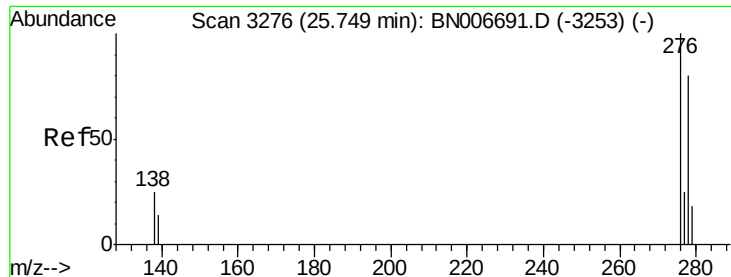
Abundance

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: 0.002 ng

RT: 25.70 min Scan# 3262

Delta R.T. -0.05 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

Instrument :

BNA_N

ClientSampleId :

BP-TT-MW202D1-GW-20190625

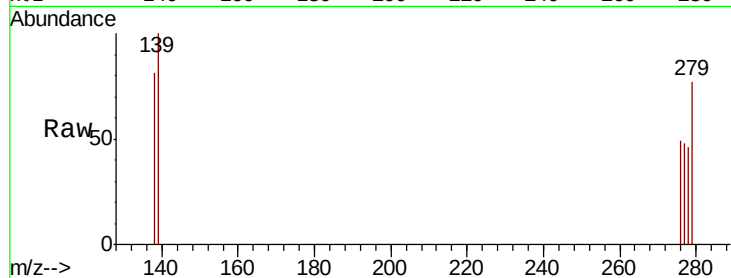
Tgt Ion: 278 Resp: 110

Ion Ratio Lower Upper

278 100

139 219.1 16.2 24.4#

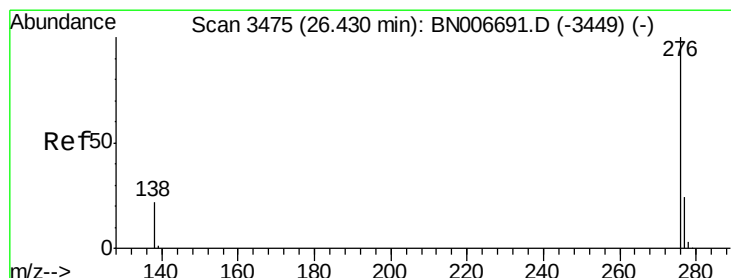
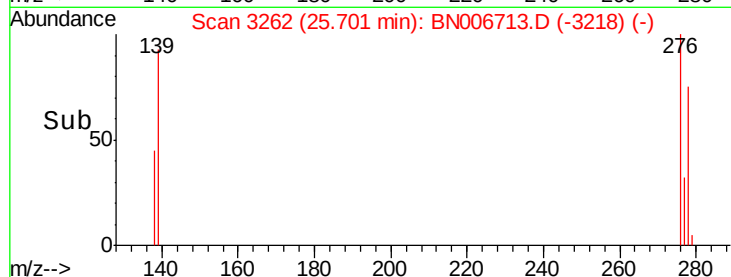
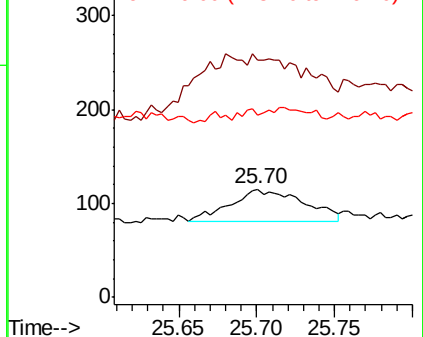
279 168.7 20.7 31.1#



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: 0.003 ng

RT: 26.38 min Scan# 3461

Delta R.T. -0.05 min

Lab File: BN006713.D

Acq: 05 Jul 2019 13:40

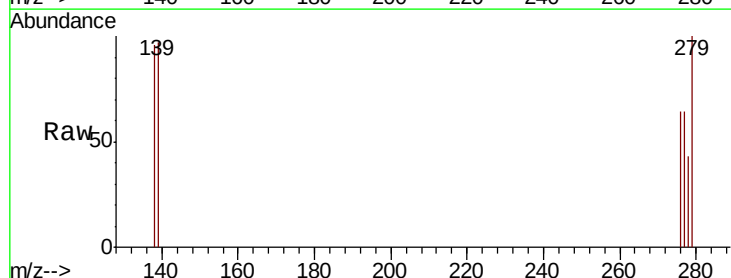
Tgt Ion: 276 Resp: 170

Ion Ratio Lower Upper

276 100

277 100.8 20.6 30.8#

138 151.6 19.7 29.5#



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

