

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
 Data File : BN011026.D
 Acq On : 23 Jun 2020 07:03
 Operator : CG/JU
 Sample : L3020-21MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-23MS

Quant Time: Jun 23 07:37:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 22 12:02:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2748	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	9947	0.40	ng	-0.01
13) Acenaphthene-d10	14.15	164	5908	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	13187	0.40	ng	-0.01
27) Chrysene-d12	21.11	240	11148	0.40	ng	-0.01
34) Perylene-d12	23.25	264	11811	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	1310	0.25	ng	0.00
5) Phenol-d6	6.73	99	949	0.15	ng	0.00
8) Nitrobenzene-d5	8.66	82	3140	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.87	152	5404	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	1181	0.56	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	11005	0.47	ng	-0.01
25) Fluoranthene-d10	18.94	212	13080	0.36	ng	0.00
29) Terphenyl-d14	19.55	244	15854	0.61	ng	0.00

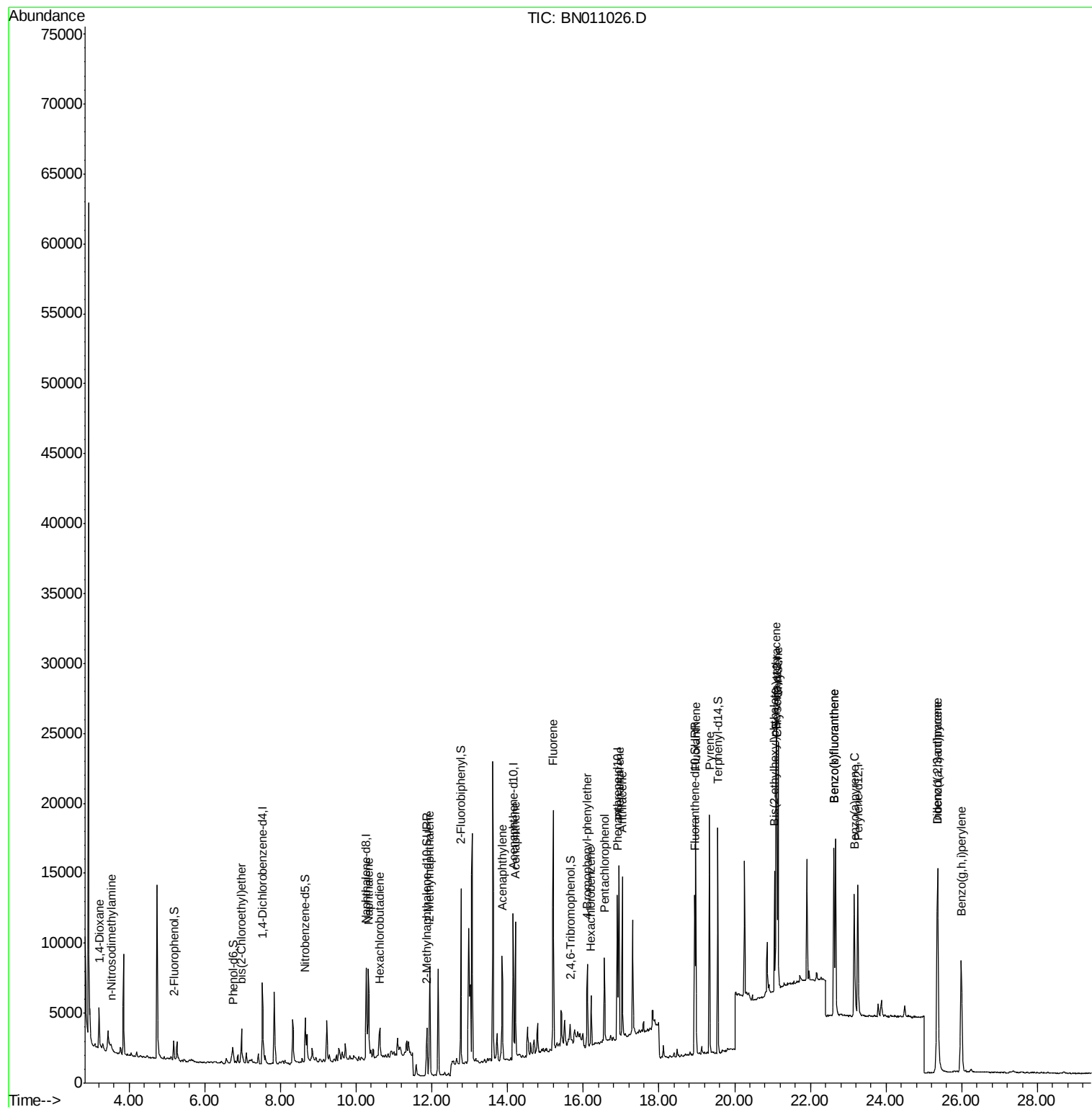
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	2298	0.854	ng	99
3) n-Nitrosodimethylamine	3.51	42	358	0.229	ng	# 93
6) bis(2-Chloroethyl)ether	6.97	93	2192	0.360	ng	95
9) Naphthalene	10.32	128	8545	0.342	ng	100
10) Hexachlorobutadiene	10.62	225	1751	0.283	ng	# 99
12) 2-Methylnaphthalene	11.94	142	5801	0.347	ng	98
16) Acenaphthylene	13.86	152	8493	0.351	ng	98
17) Acenaphthene	14.21	154	5472	0.332	ng	98
18) Fluorene	15.21	166	7743	0.364	ng	99
20) 4-Bromophenyl-phenylether	16.10	248	2428	0.306	ng	# 94
21) Hexachlorobenzene	16.21	284	2524	0.305	ng	95
22) Pentachlorophenol	16.56	266	2920	1.052	ng	94
23) Phenanthrene	16.94	178	13966	0.388	ng	99
24) Anthracene	17.03	178	11812	0.393	ng	98
26) Fluoranthene	18.97	202	15718	0.384	ng	# 98
28) Pyrene	19.33	202	15815	0.429	ng	99
30) Benzo(a)anthracene	21.09	228	14185	0.433	ng	98
31) Chrysene	21.14	228	14180	0.371	ng	99
32) Bis(2-ethylhexyl)phthalate	21.06	149	8397	0.769	ng	# 97
33) Indeno(1,2,3-cd)pyrene	25.35	276	16773	0.393	ng	# 94
35) Benzo(b)fluoranthene	22.62	252	14019	0.349	ng	98
36) Benzo(k)fluoranthene	22.62	252	14019	0.328	ng	98
37) Benzo(a)pyrene	23.16	252	12756	0.370	ng	97
38) Dibenzo(a,h)anthracene	25.36	278	13787	0.351	ng	# 97
39) Benzo(g,h,i)perylene	25.98	276	16024	0.390	ng	97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.52 min Scan# 583

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

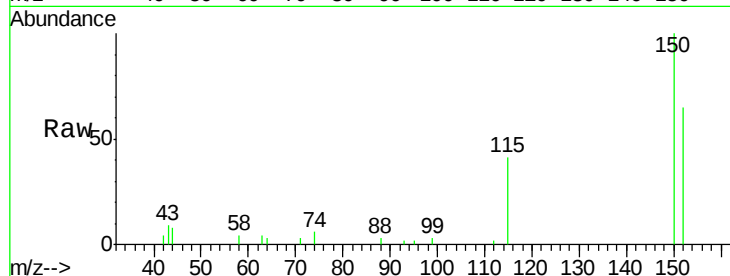
Tot Ion:152 Resp: 2748

Ion Ratio Lower Upper

152 100

150 152.9 123.8 185.6

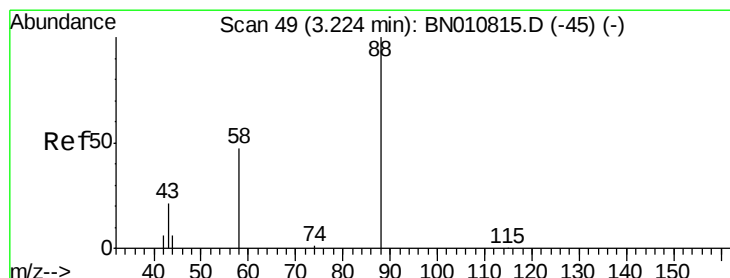
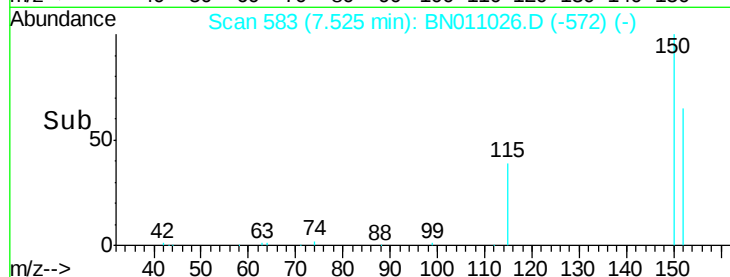
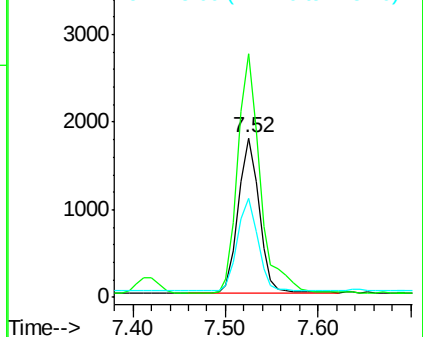
115 62.2 49.2 73.8



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: 0.854 ng

RT: 3.21 min Scan# 47

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

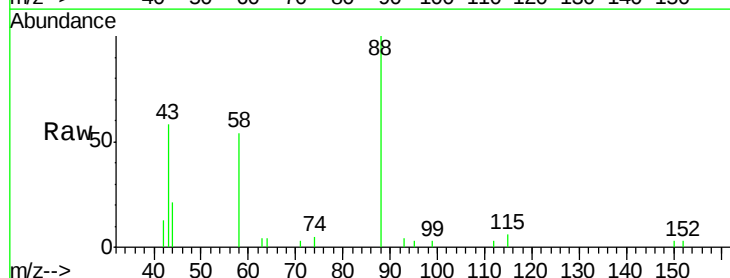
Tgt Ion: 88 Resp: 2298

Ion Ratio Lower Upper

88 100

58 47.7 38.2 57.4

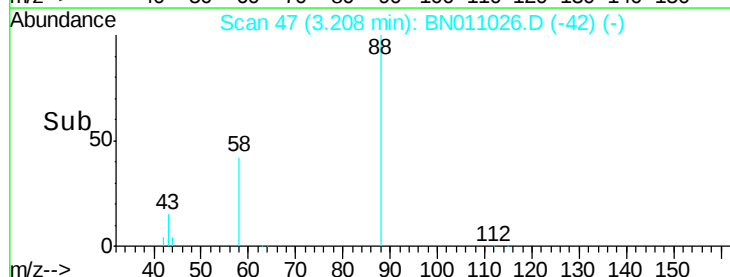
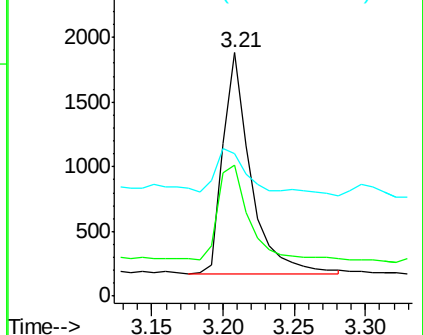
43 19.5 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.229 ng

RT: 3.51 min Scan# 85

Delta R.T. -0.04 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

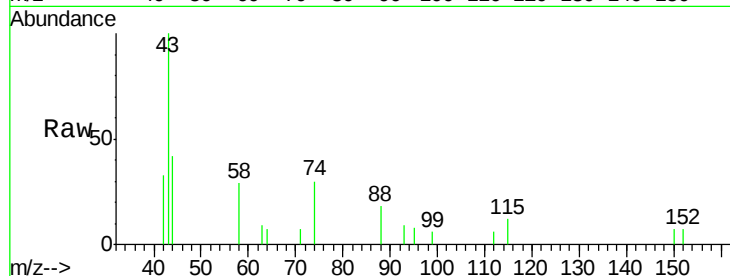
Tot Ion: 42 Resp: 358

Ion Ratio Lower Upper

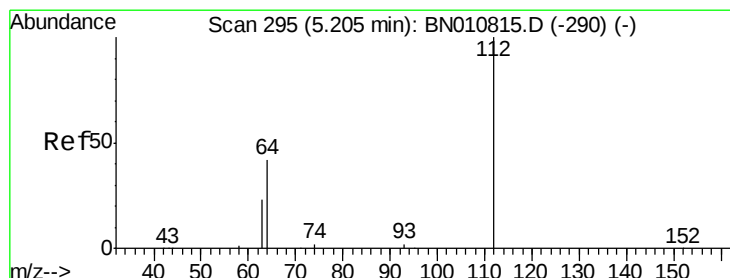
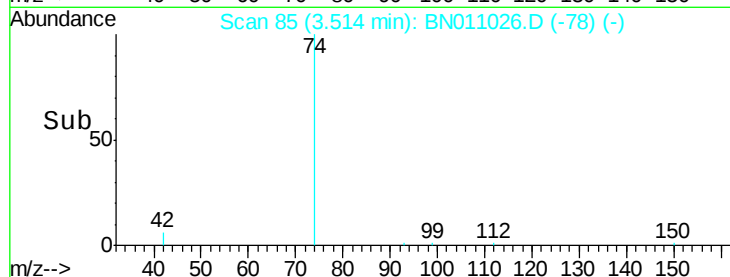
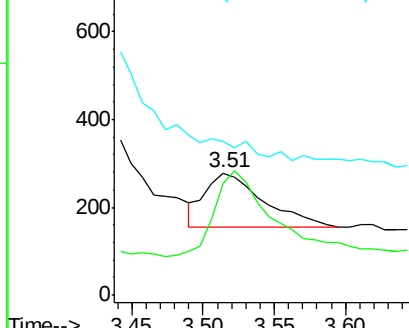
42 100

74 166.5 140.7 211.1

44 0.0 1.4 2.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.247 ng

RT: 5.18 min Scan# 292

Delta R.T. 0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

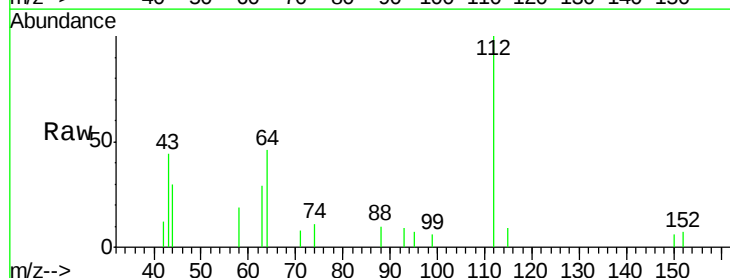
Tgt Ion: 112 Resp: 1310

Ion Ratio Lower Upper

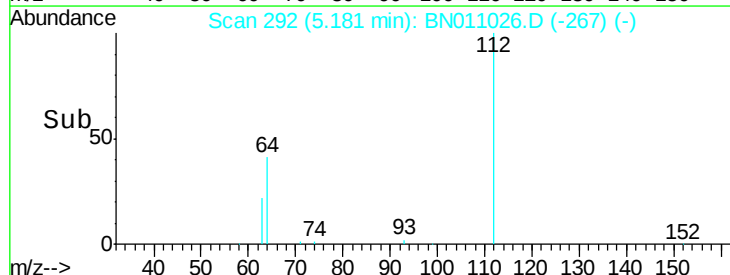
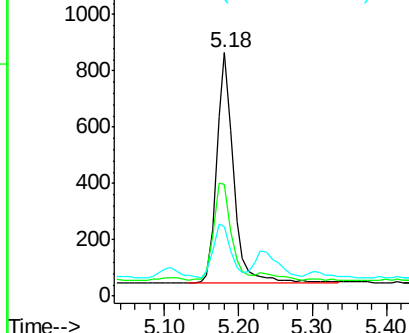
112 100

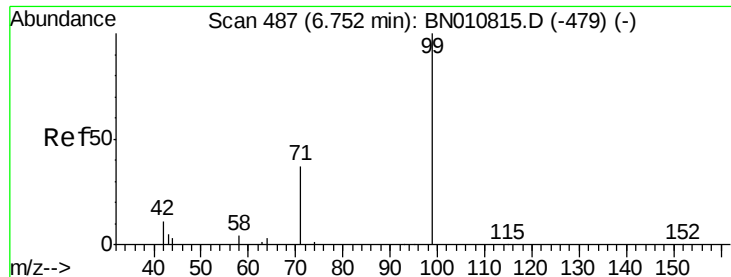
64 43.7 37.4 56.0

63 23.1 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.152 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

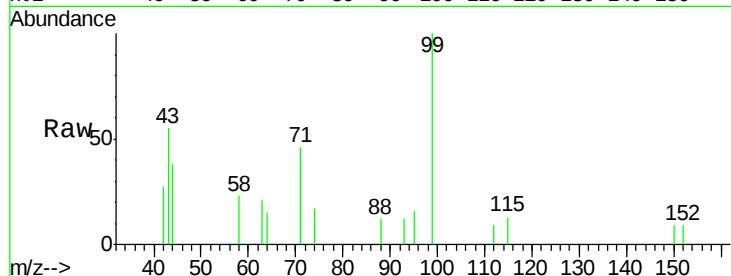
Tot Ion: 99 Resp: 949

Ion Ratio Lower Upper

99 100

42 20.3 11.1 16.7#

71 53.6 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN011026.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN011026.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN011026.D (-472) (-)

6.73

600

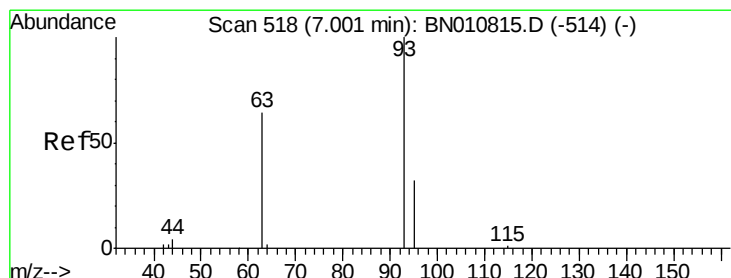
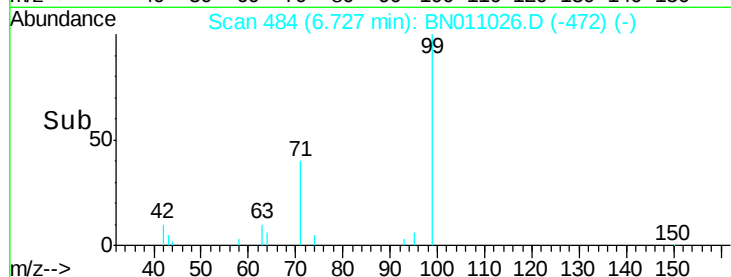
400

200

0

6.60 6.65 6.70 6.75 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.360 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

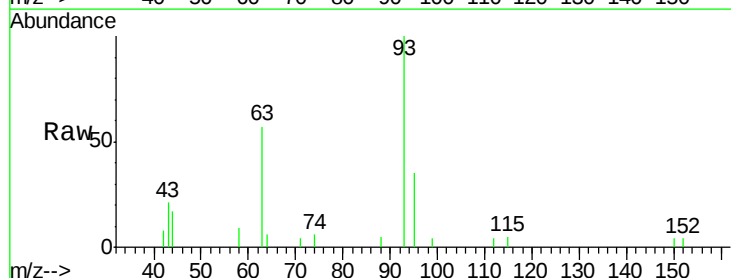
Tgt Ion: 93 Resp: 2192

Ion Ratio Lower Upper

93 100

63 56.5 49.4 74.2

95 33.6 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN011026.D (-490) (-)

Ion 63.00 (62.70 to 63.70): BN011026.D (-490) (-)

Ion 95.00 (94.70 to 95.70): BN011026.D (-490) (-)

6.97

1500

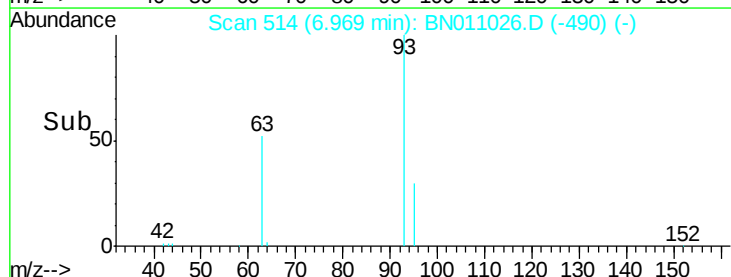
1000

500

0

6.90 6.95 7.00 7.05 7.10

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

Tot Ion:136 Resp: 9947

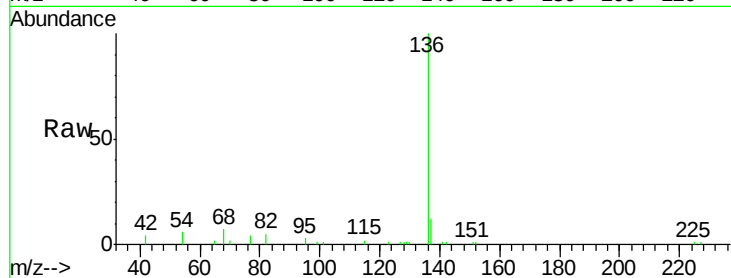
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 6.2 4.9 7.3

68 7.4 4.7 7.1#

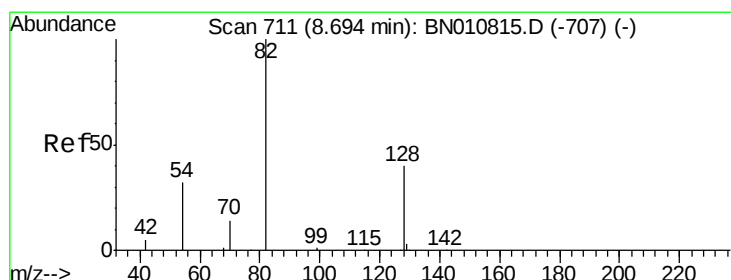
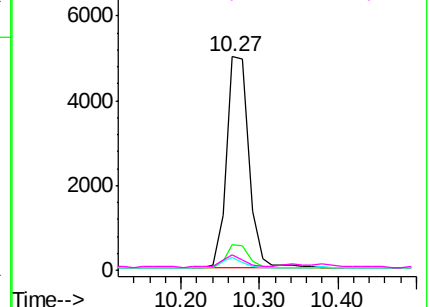
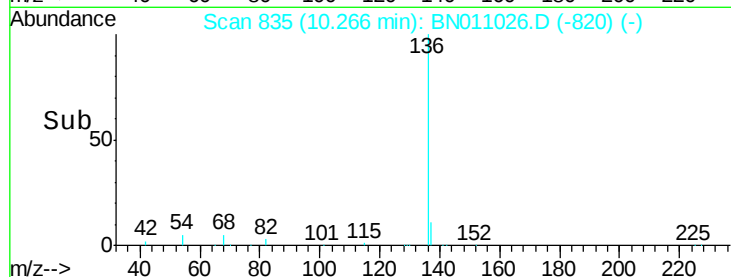


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.427 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

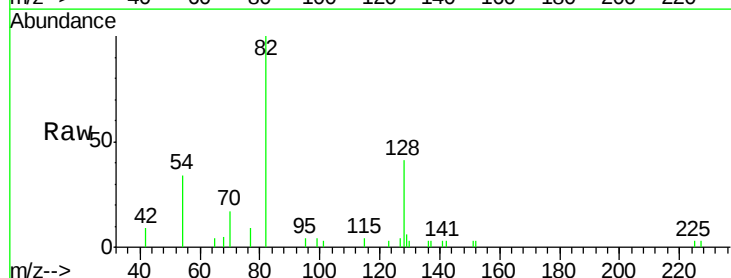
Tgt Ion: 82 Resp: 3140

Ion Ratio Lower Upper

82 100

128 41.2 35.4 53.0

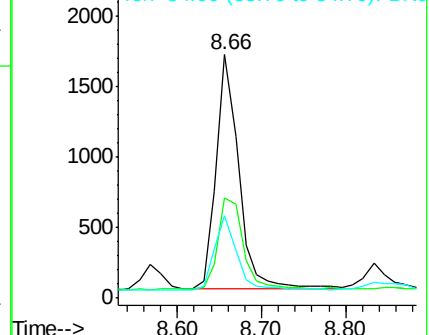
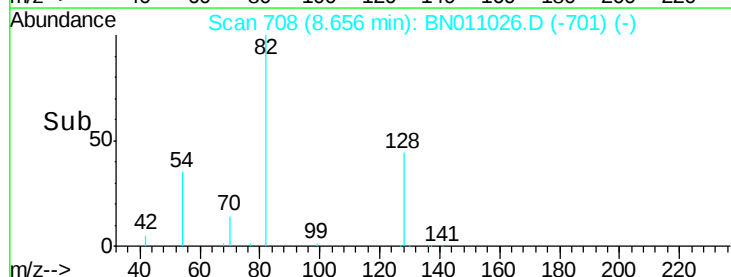
54 33.8 28.2 42.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.342 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

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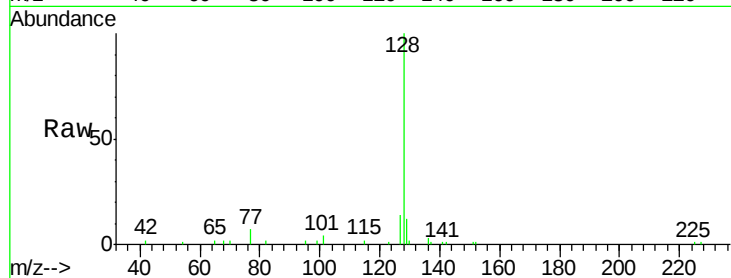
Tot Ion:128 Resp: 8545

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

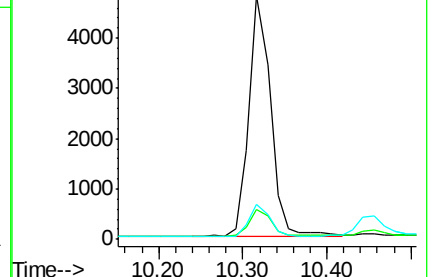
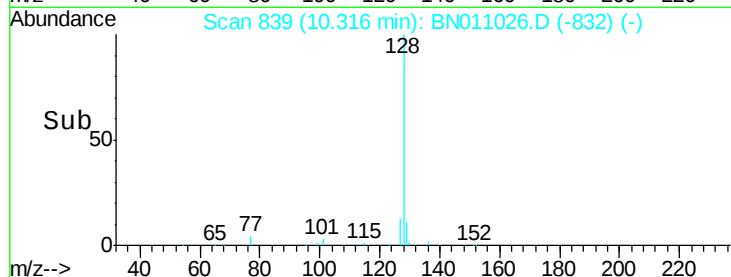
127 14.4 11.4 17.2



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: 0.283 ng

RT: 10.62 min Scan# 863

Delta R.T. 0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

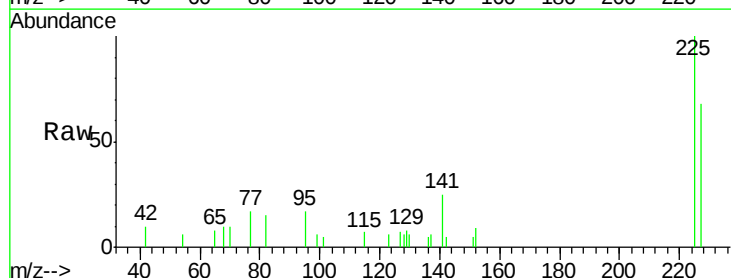
Tgt Ion:225 Resp: 1751

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

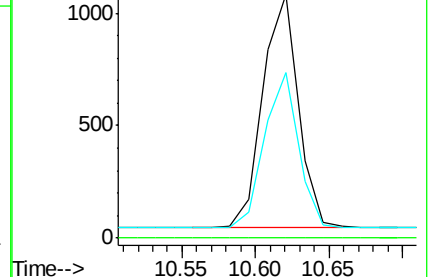
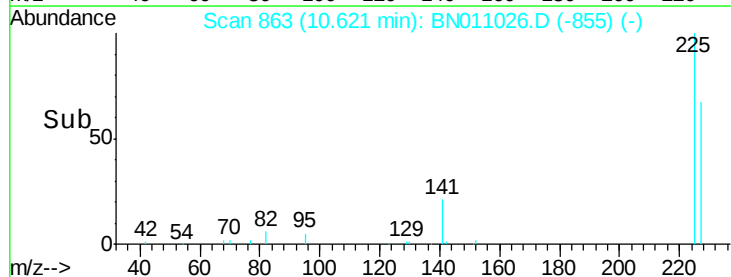
227 64.1 50.5 75.7

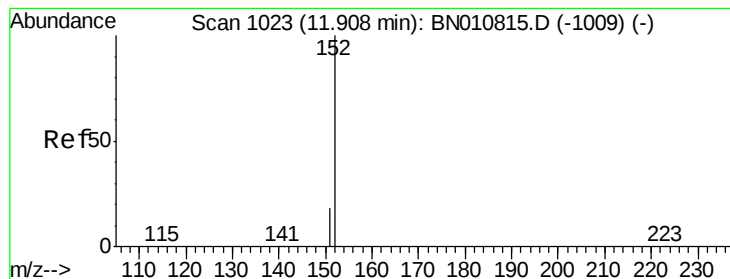


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.350 ng

RT: 11.87 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

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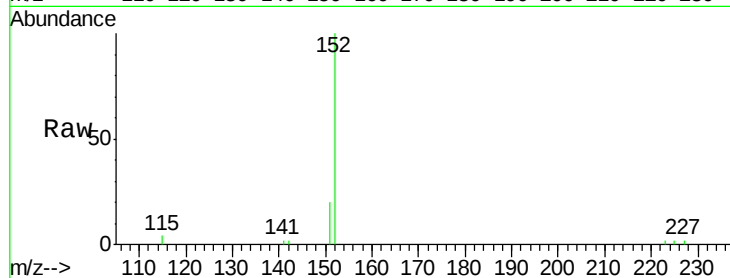
MW-23MS

Tot Ion:152 Resp: 5404

Ion Ratio Lower Upper

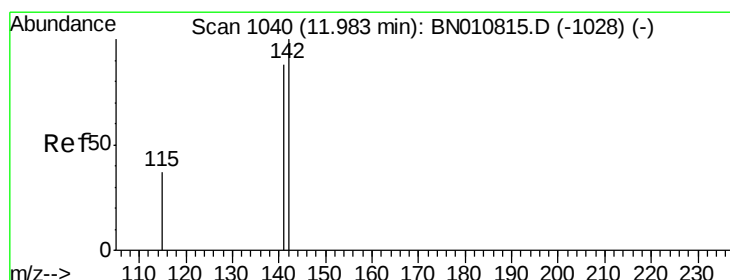
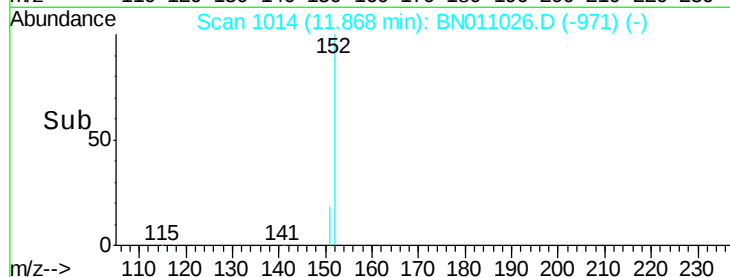
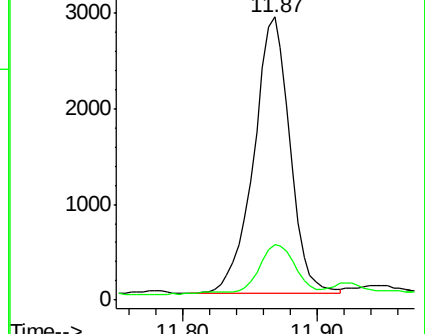
152 100

151 17.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.347 ng

RT: 11.94 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

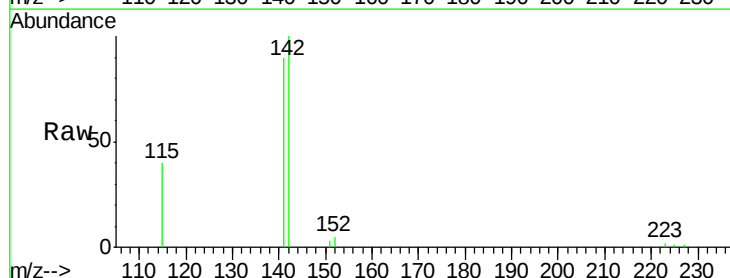
Tgt Ion:142 Resp: 5801

Ion Ratio Lower Upper

142 100

141 90.4 70.8 106.2

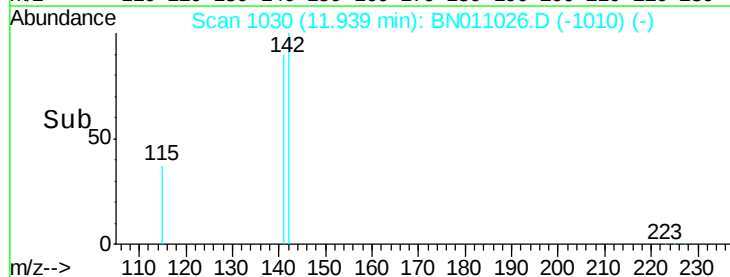
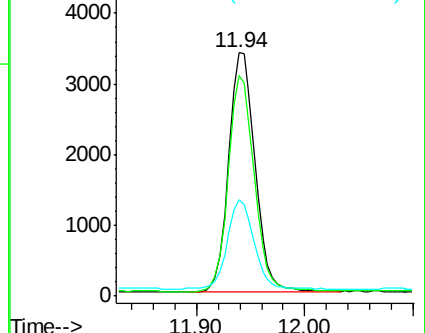
115 39.8 31.5 47.3

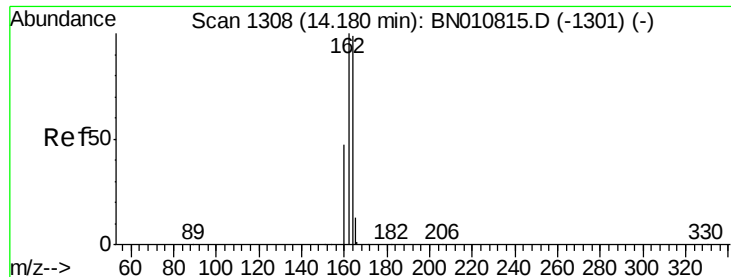


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.15 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampled :

MW-23MS

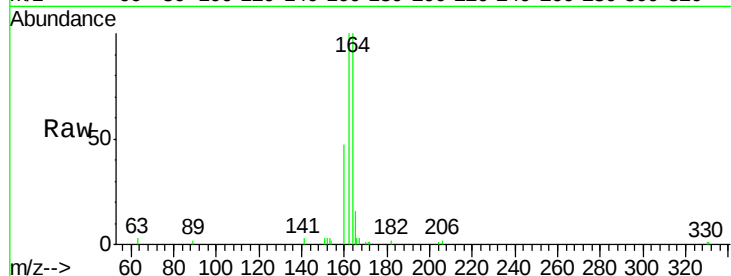
Tot Ion:164 Resp: 5908

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.6

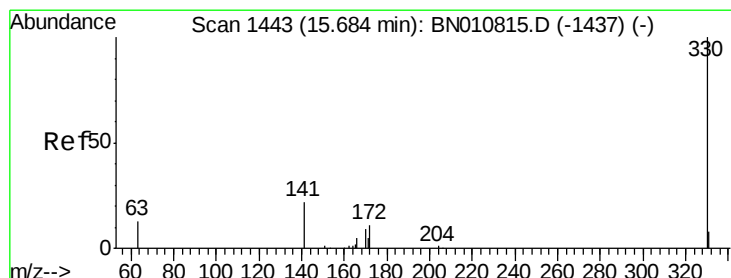
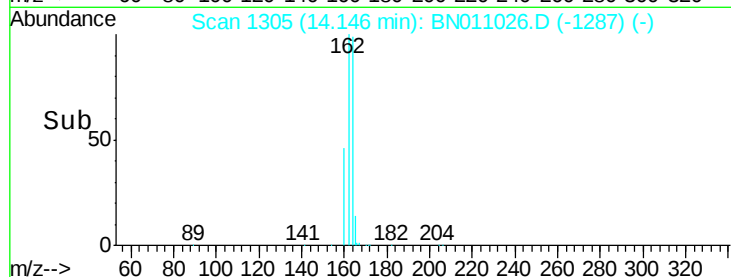
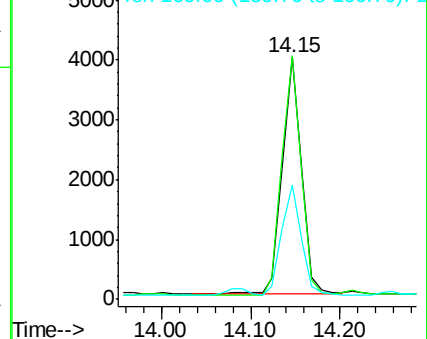
160 47.1 38.9 58.3



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: 15.65 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

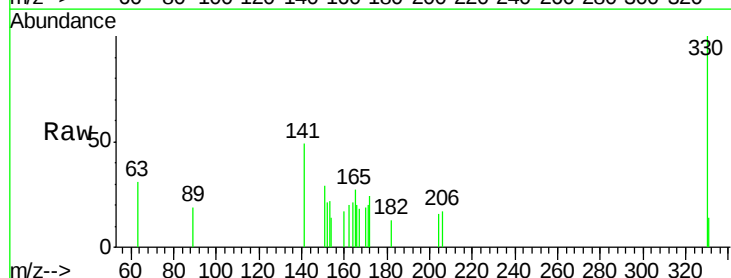
Tgt Ion:330 Resp: 1181

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

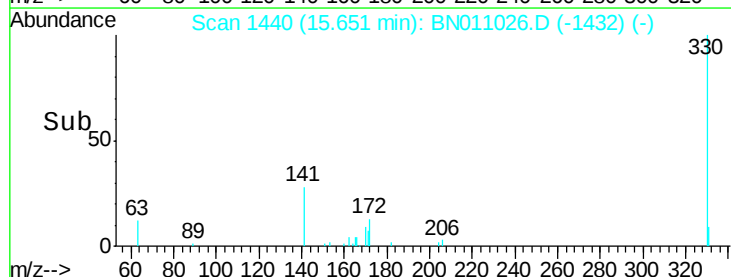
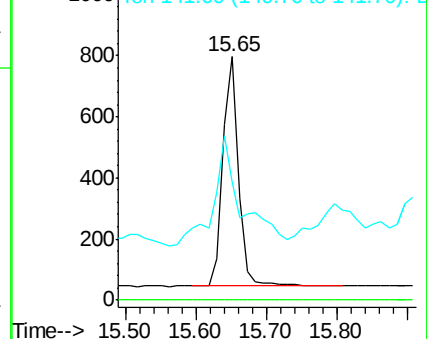
141 66.9 33.2 49.8#



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

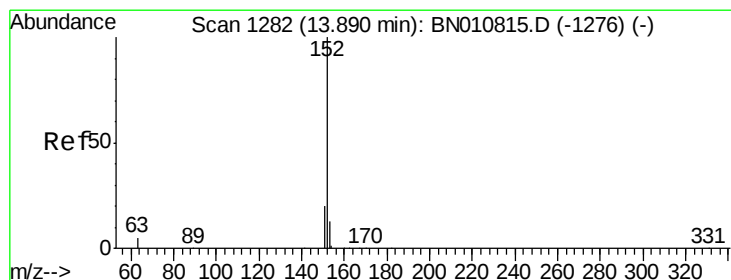
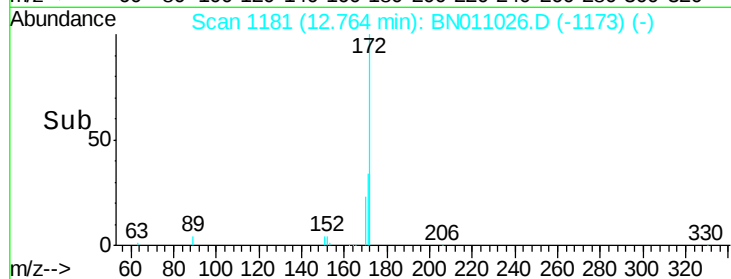
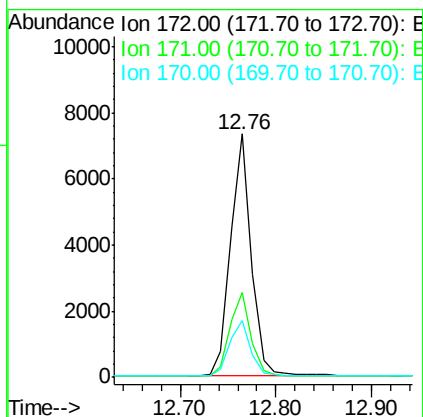
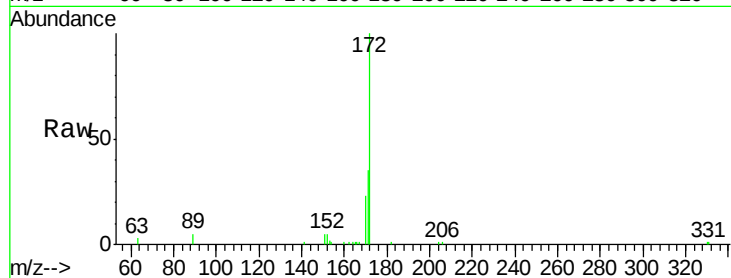




#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 12.76 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

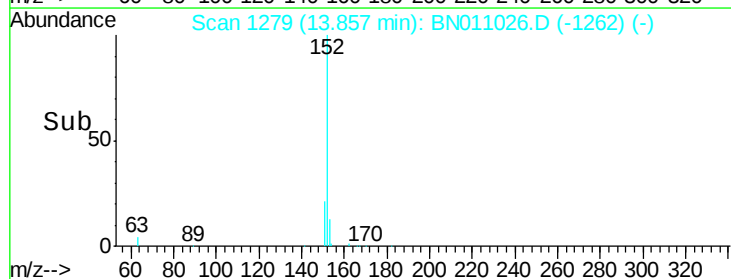
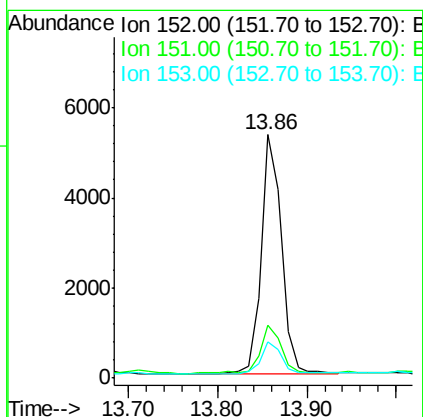
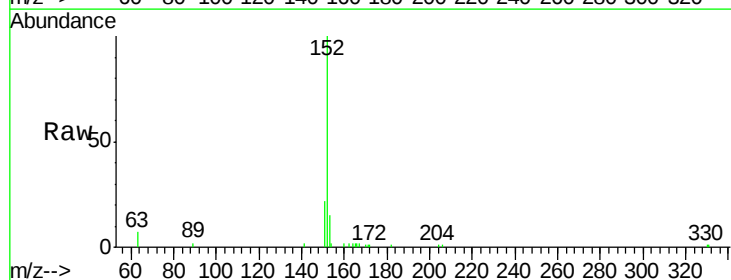
Instrument :
BNA_N
ClientSampleId :
MW-23MS

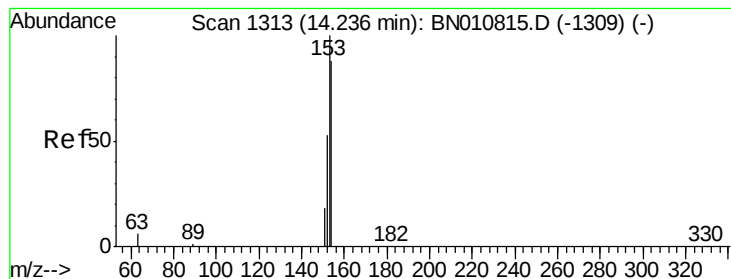
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.2	19.7	29.5



#16
Acenaphthylene
Concen: 0.351 ng
RT: 13.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.6	23.4
153	13.1	10.6	16.0





#17

Acenaphthene

Concen: 0.332 ng

RT: 14.21 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

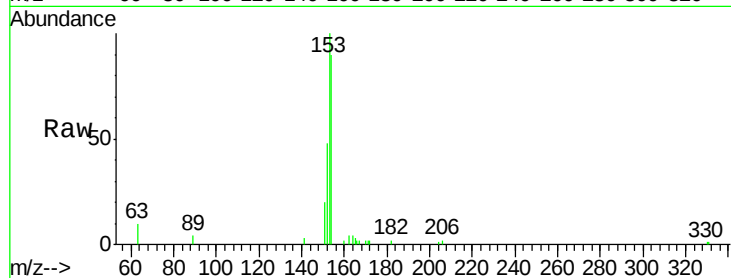
Tot Ion:154 Resp: 5472

Ion Ratio Lower Upper

154 100

153 115.4 91.8 137.6

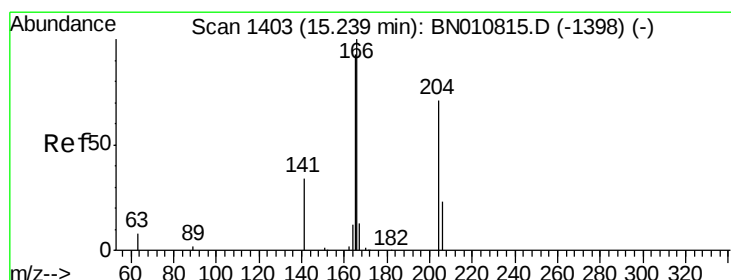
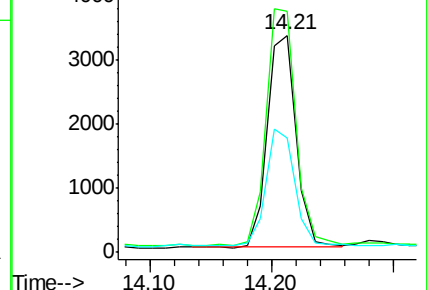
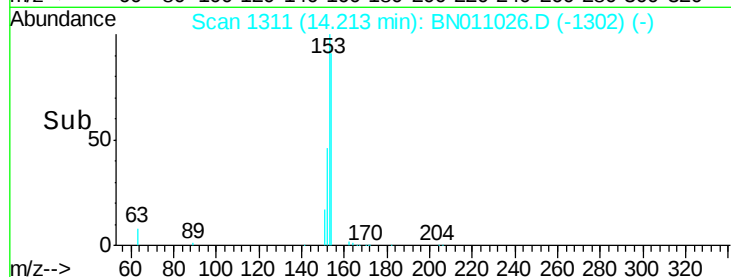
152 55.0 47.6 71.4



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: 0.364 ng

RT: 15.21 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

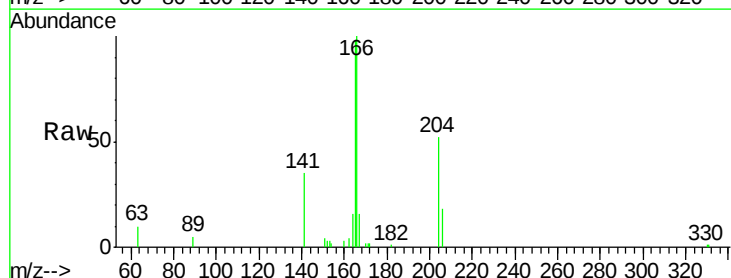
Tgt Ion:166 Resp: 7743

Ion Ratio Lower Upper

166 100

165 96.4 77.2 115.8

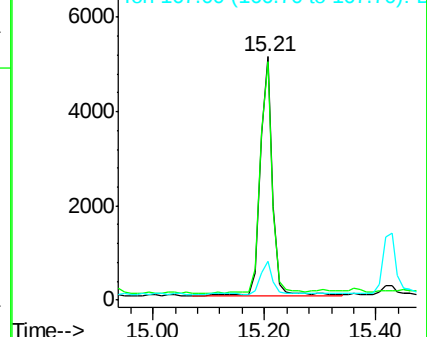
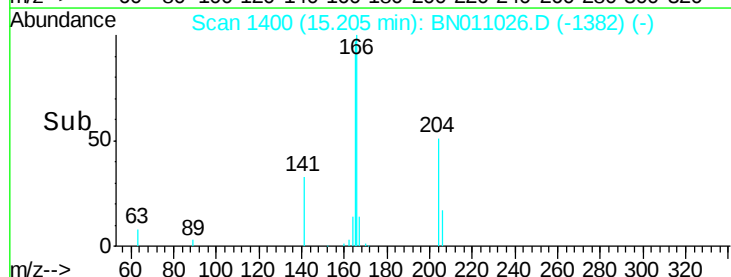
167 15.0 10.7 16.1

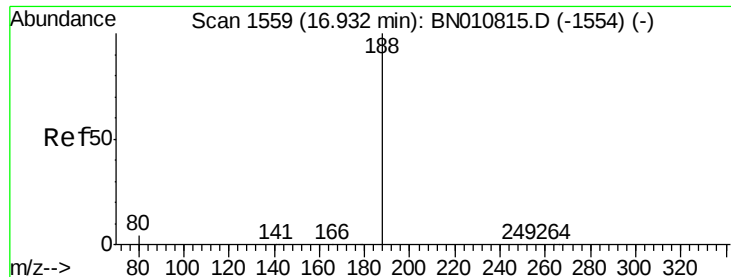


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.90 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

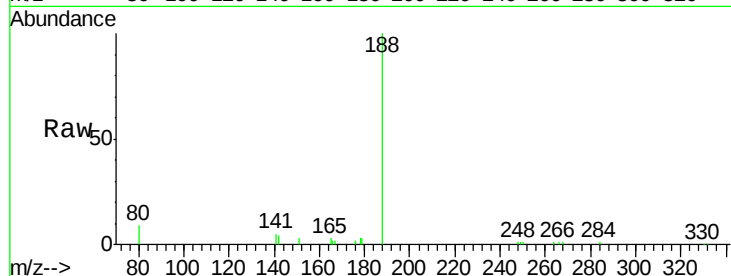
Tot Ion:188 Resp: 13187

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

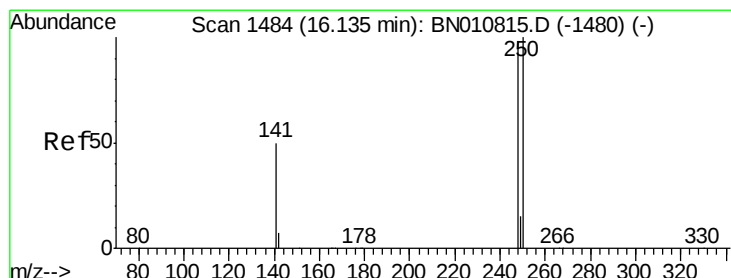
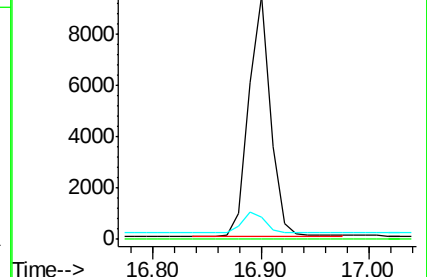
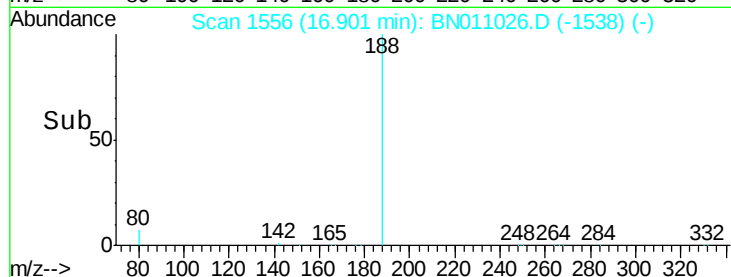
80 9.2 4.5 6.7#



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: 0.306 ng

RT: 16.10 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

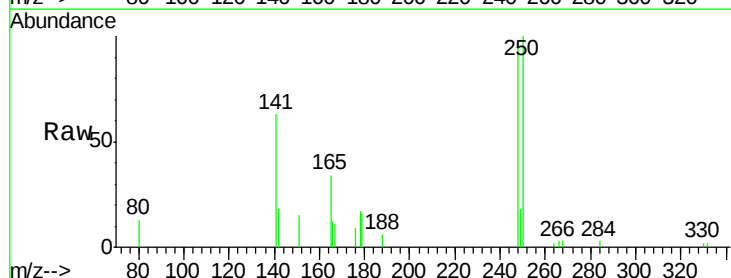
Tgt Ion:248 Resp: 2428

Ion Ratio Lower Upper

248 100

250 102.9 81.8 122.8

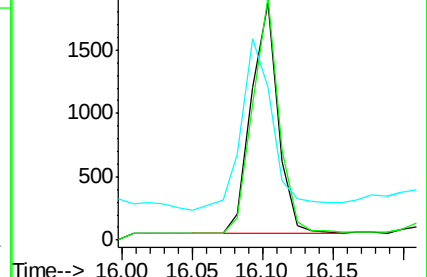
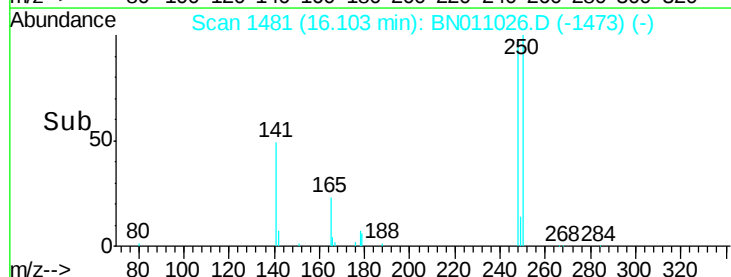
141 64.6 42.6 64.0#

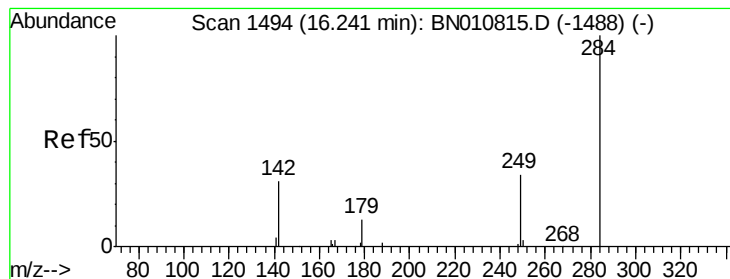


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.305 ng

RT: 16.21 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

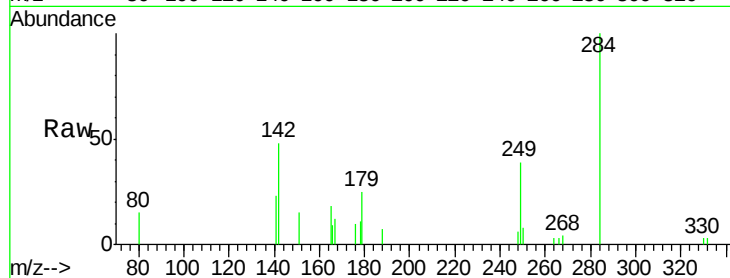
Tot Ion:284 Resp: 2524

Ion Ratio Lower Upper

284 100

142 44.3 31.0 46.4

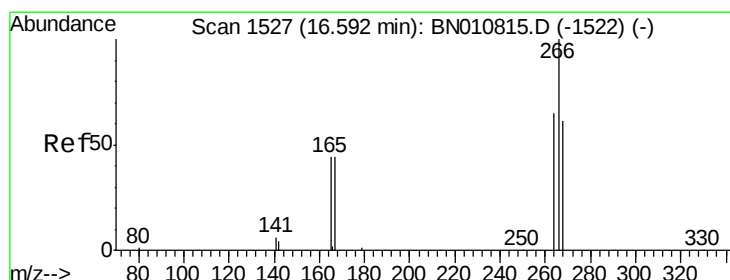
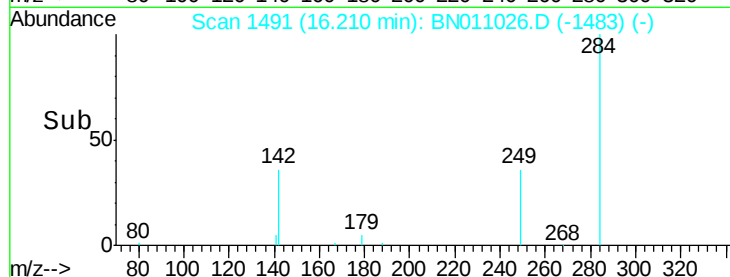
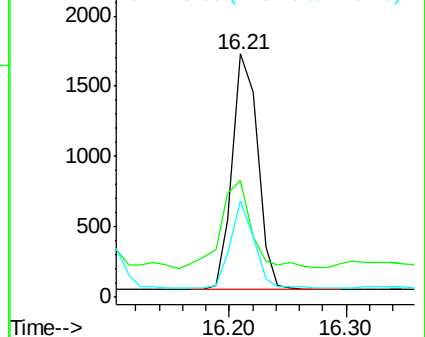
249 33.9 27.1 40.7



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: 1.052 ng

RT: 16.56 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

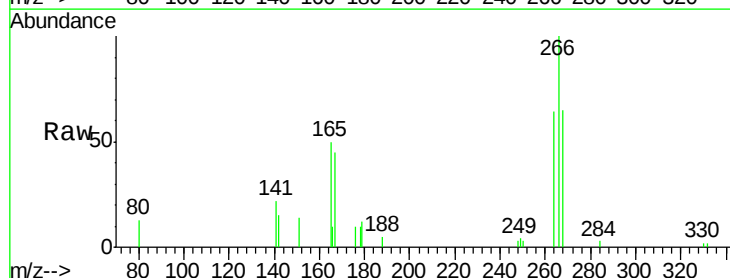
Tgt Ion:266 Resp: 2920

Ion Ratio Lower Upper

266 100

264 63.9 54.8 82.2

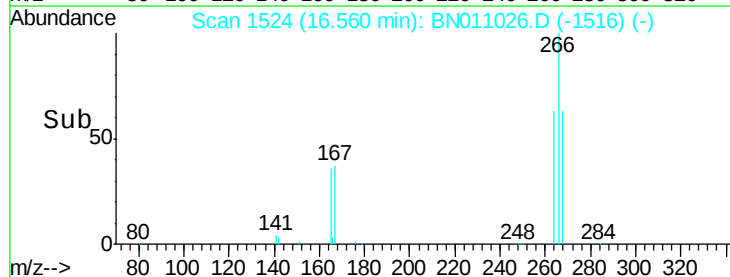
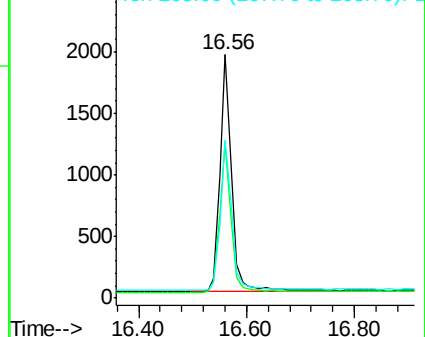
268 65.0 55.9 83.9



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: 0.388 ng

RT: 16.94 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

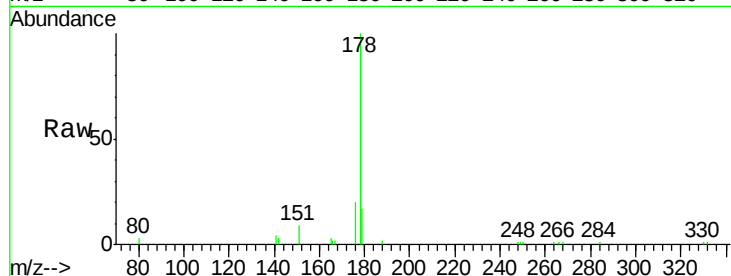
Tot Ion:178 Resp: 13966

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

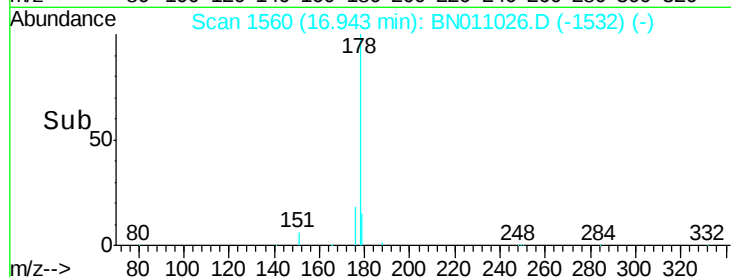
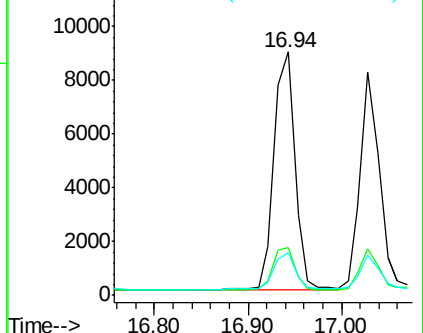
179 16.2 12.6 19.0



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: 0.393 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

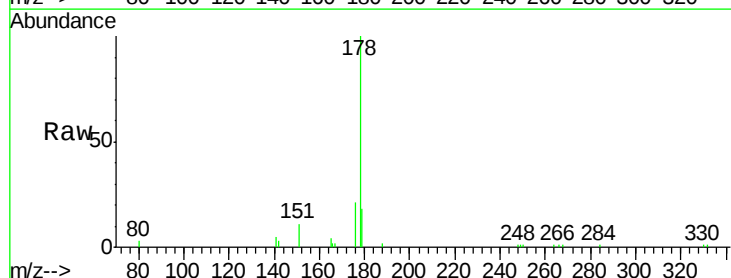
Tgt Ion:178 Resp: 11812

Ion Ratio Lower Upper

178 100

176 19.5 14.6 22.0

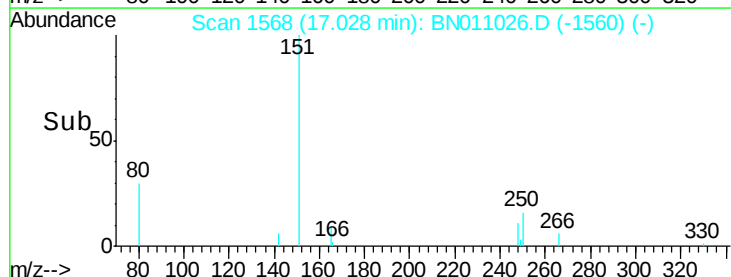
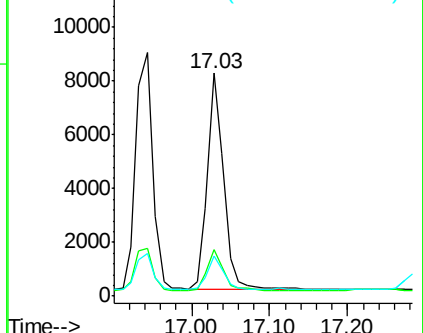
179 15.1 12.3 18.5

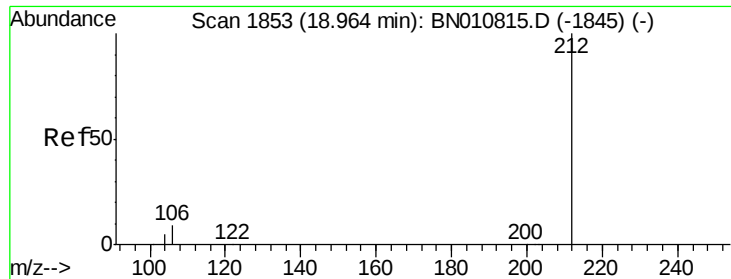


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.359 ng

RT: 18.94 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

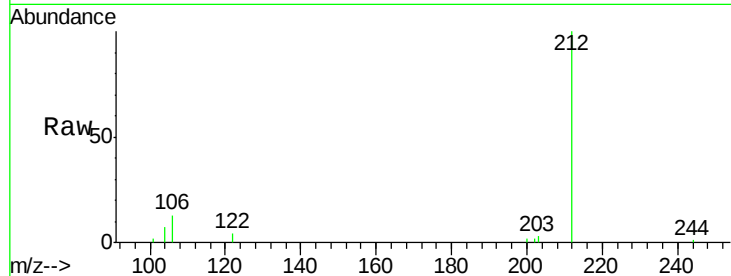
Tot Ion:212 Resp: 13080

Ion Ratio Lower Upper

212 100

106 10.3 6.6 10.0#

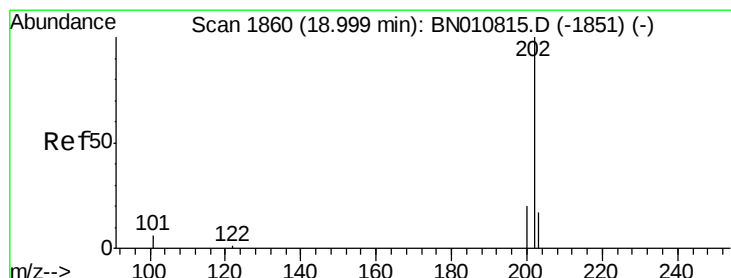
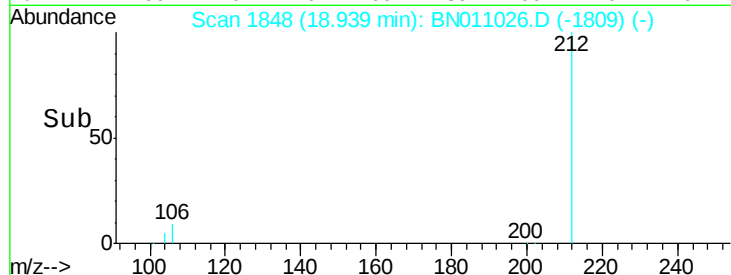
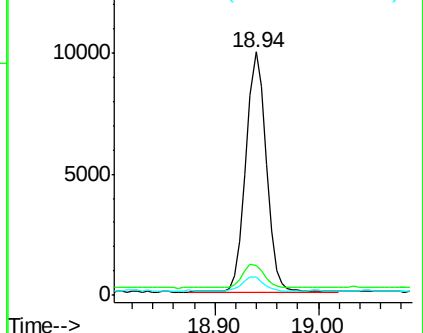
104 5.9 4.0 6.0



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: 0.384 ng

RT: 18.97 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

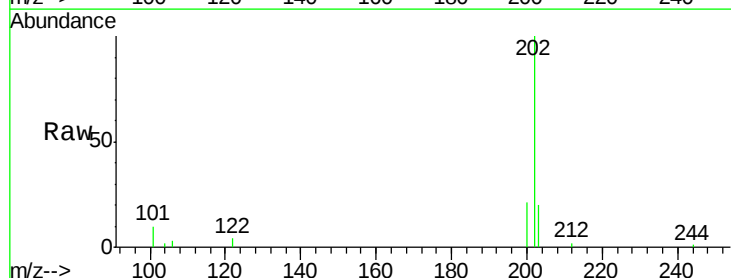
Tgt Ion:202 Resp: 15718

Ion Ratio Lower Upper

202 100

101 8.7 5.8 8.6#

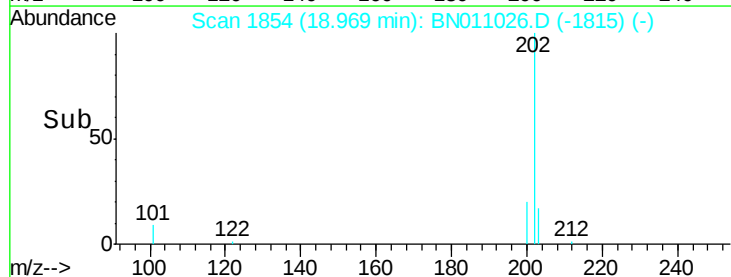
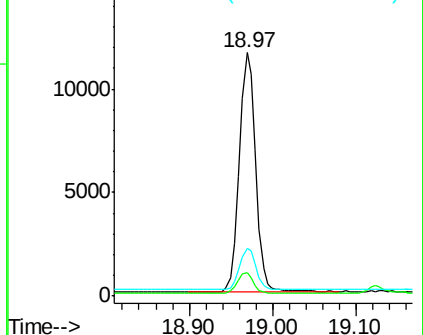
203 17.5 13.7 20.5



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

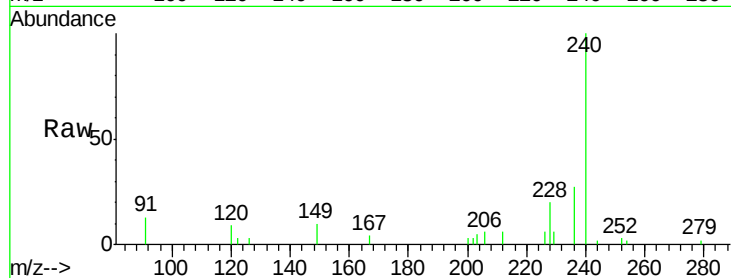




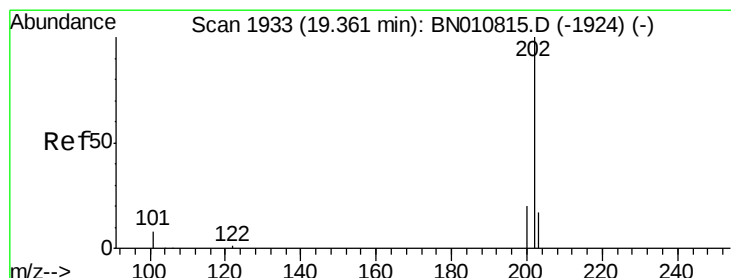
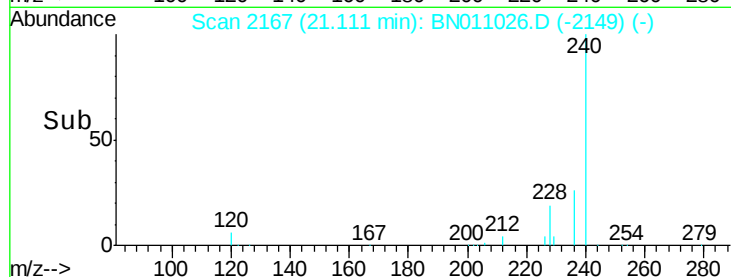
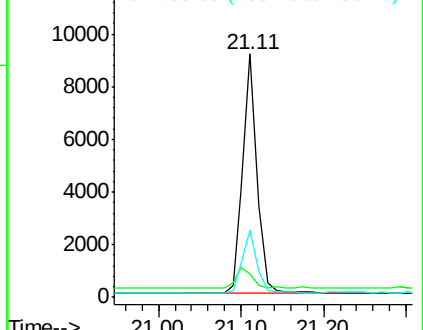
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tot Ion:240 Resp: 11148
Ion Ratio Lower Upper
240 100
120 9.4 7.5 11.3
236 27.3 22.3 33.5

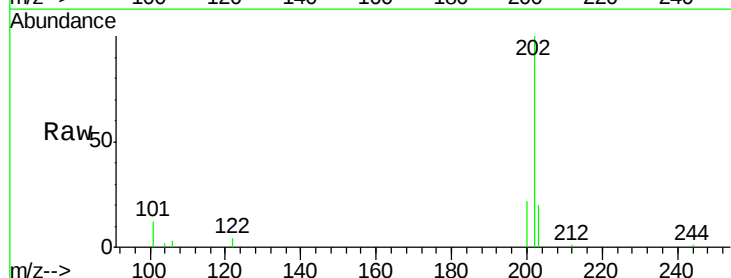


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

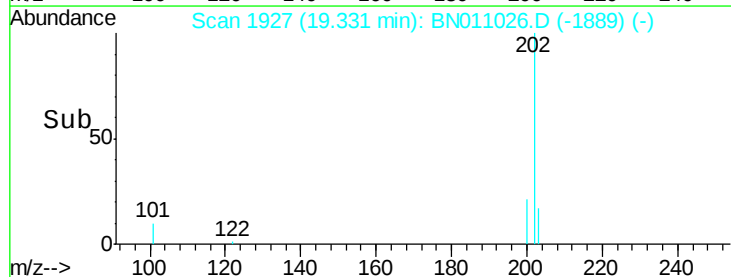
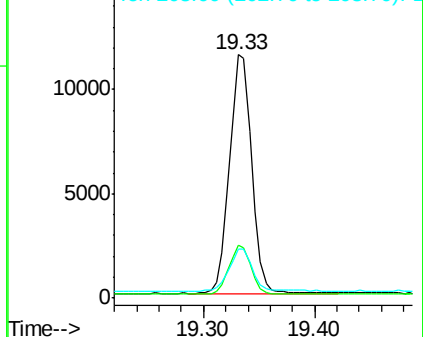


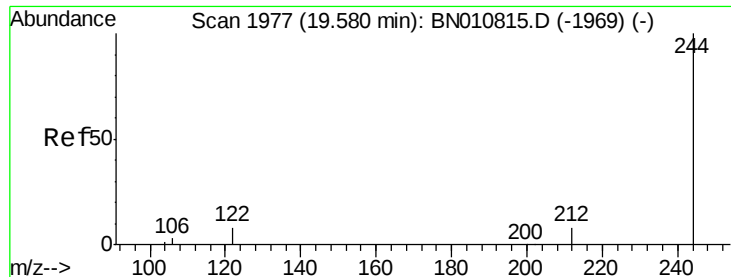
#28
Pyrene
Concen: 0.429 ng
RT: 19.33 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:202 Resp: 15815
Ion Ratio Lower Upper
202 100
200 20.5 16.4 24.6
203 18.7 14.2 21.4



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: 0.608 ng

RT: 19.55 min Scan# 1972

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

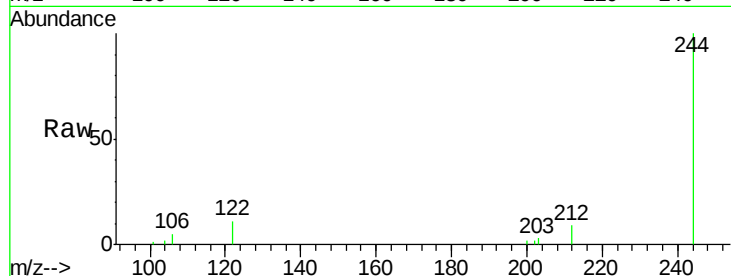
Tot Ion:244 Resp: 15854

Ion Ratio Lower Upper

244 100

212 8.6 7.4 11.2

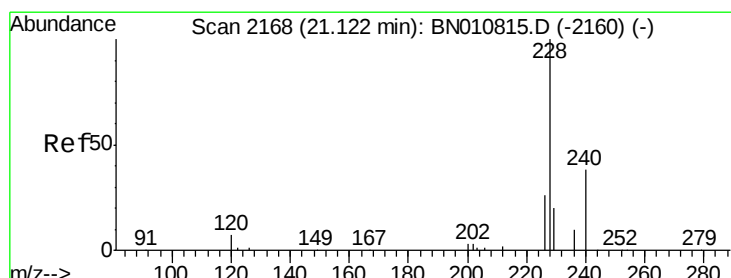
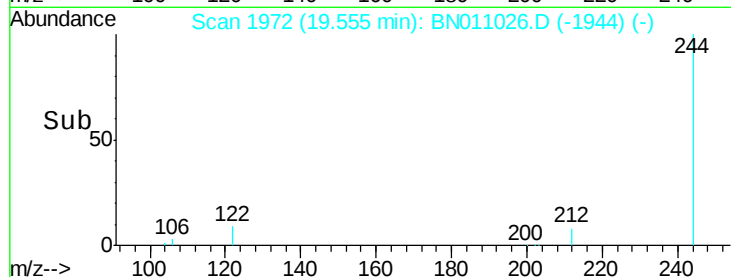
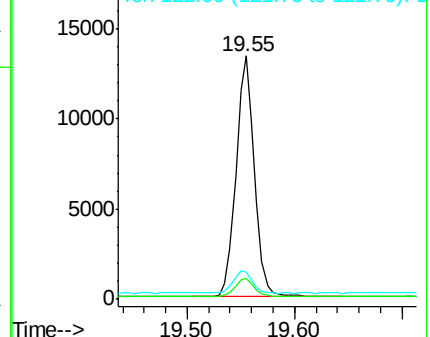
122 11.2 7.5 11.3



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: 0.433 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

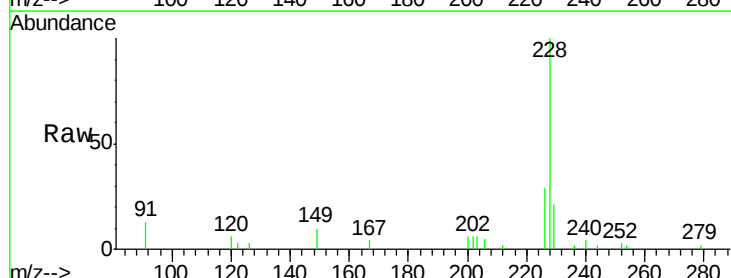
Tgt Ion:228 Resp: 14185

Ion Ratio Lower Upper

228 100

226 28.7 21.3 31.9

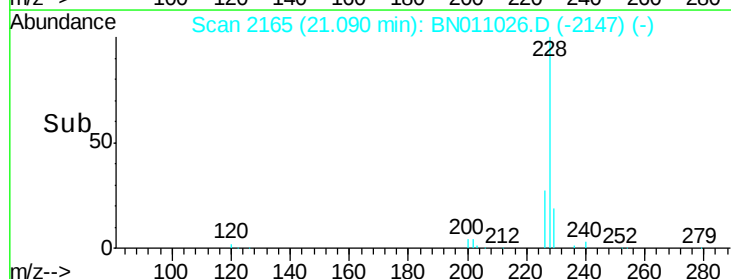
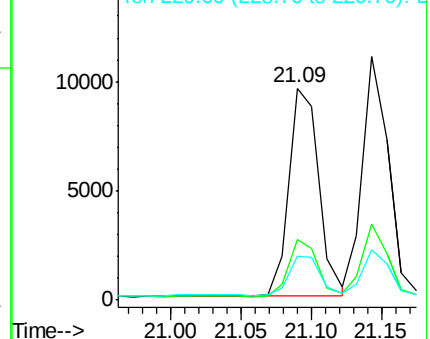
229 20.6 16.6 24.8



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: 0.371 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampled :

MW-23MS

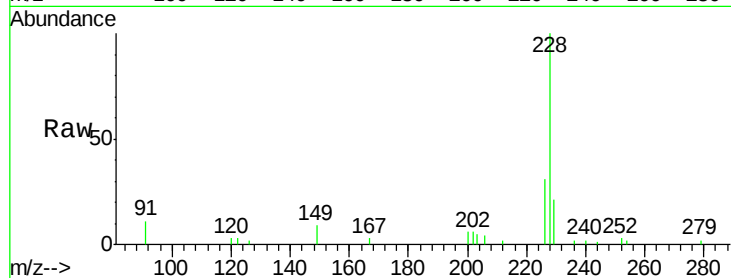
Tot Ion:228 Resp: 14180

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

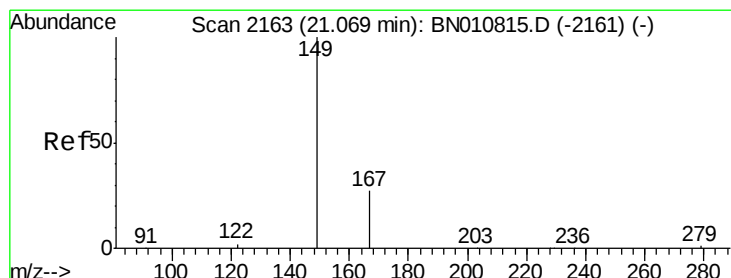
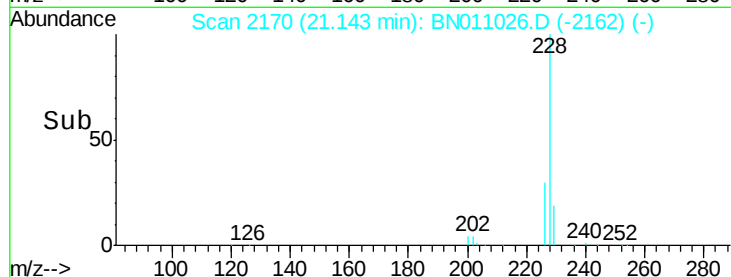
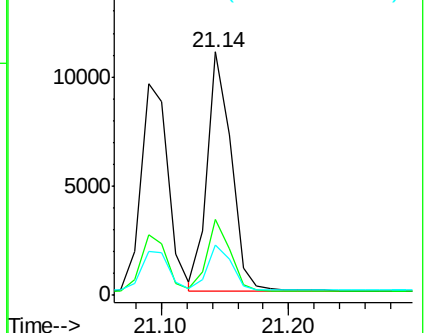
229 20.8 16.1 24.1



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: 0.769 ng

RT: 21.06 min Scan# 2162

Delta R.T. 0.00 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

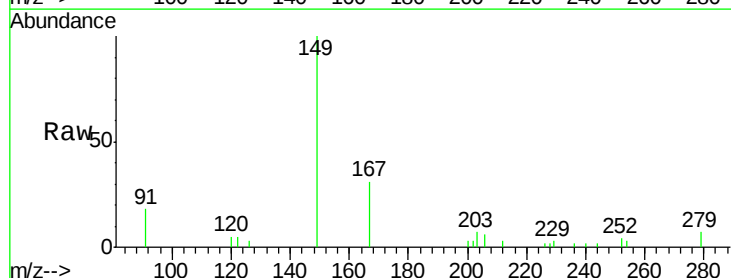
Tgt Ion:149 Resp: 8397

Ion Ratio Lower Upper

149 100

167 28.7 24.1 36.1

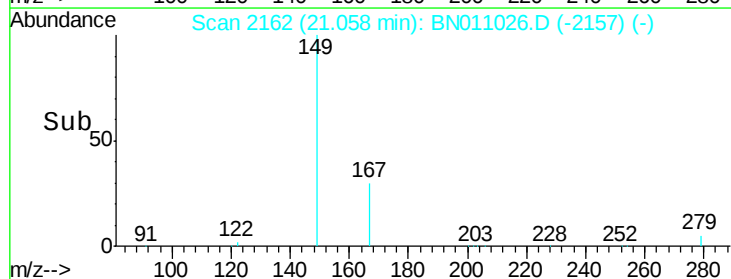
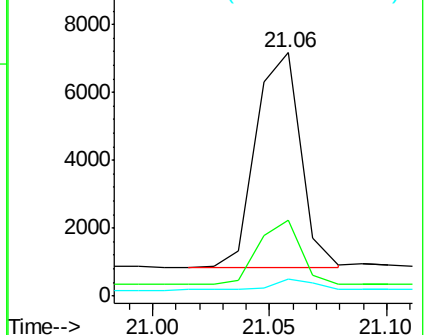
279 4.6 4.6 7.0#

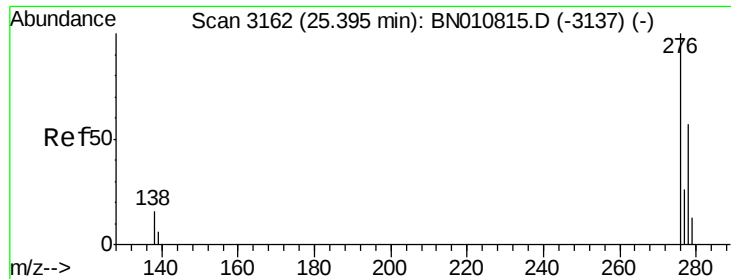


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

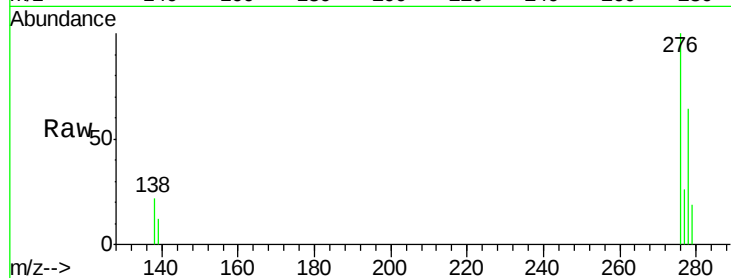




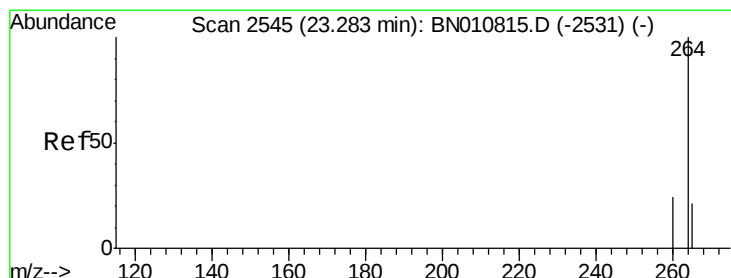
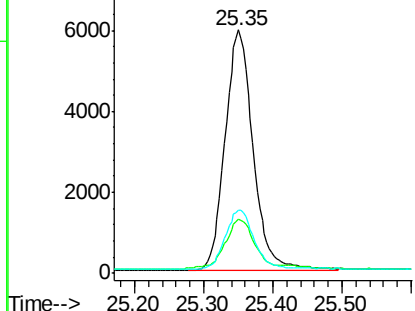
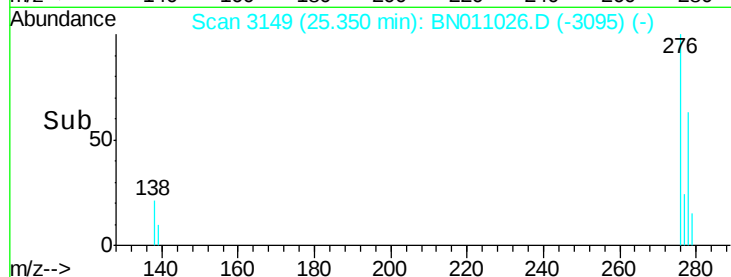
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.393 ng
 RT: 25.35 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BN011026.D
 Acq: 23 Jun 2020 07:03

Instrument :
 BNA_N
 ClientSampleId :
 MW-23MS

Tot Ion:276 Resp: 16773
 Ion Ratio Lower Upper
 276 100
 138 21.9 13.0 19.6#
 277 25.2 19.7 29.5

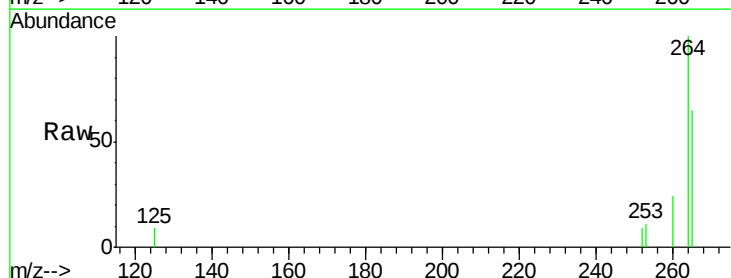


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

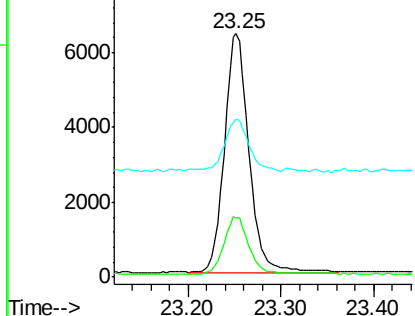
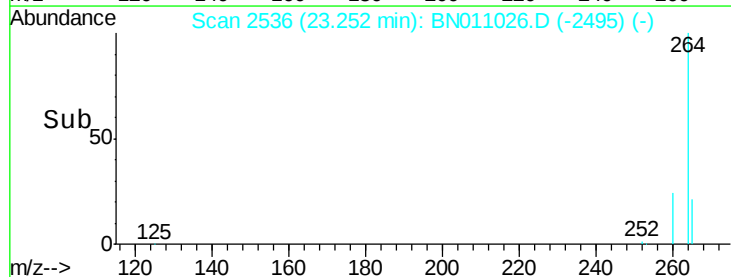


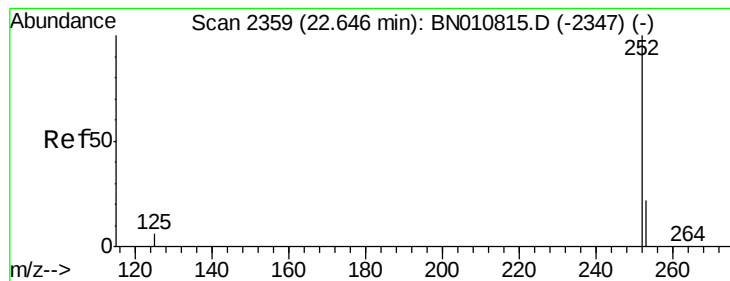
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BN011026.D
 Acq: 23 Jun 2020 07:03

Tgt Ion:264 Resp: 11811
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.4 30.6
 265 64.6 75.0 112.4#



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: 0.349 ng

RT: 22.62 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

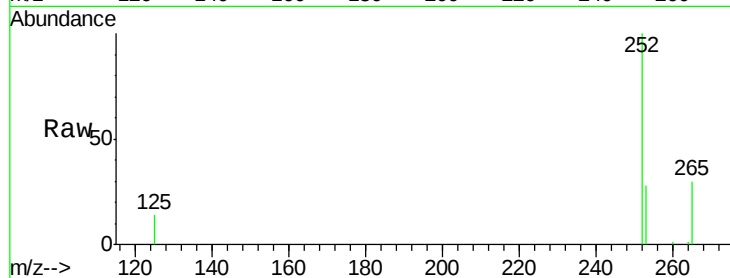
Tot Ion:252 Resp: 14019

Ion Ratio Lower Upper

252 100

253 28.3 22.4 33.6

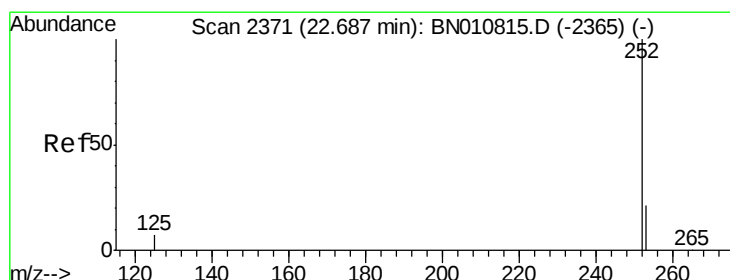
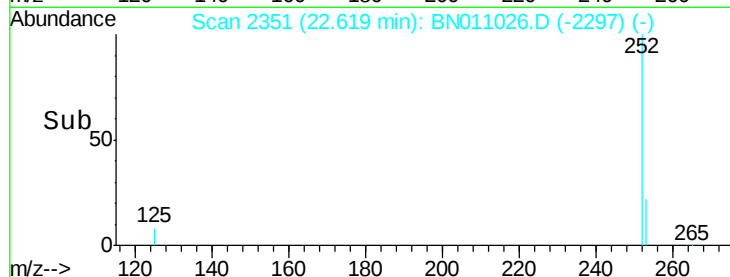
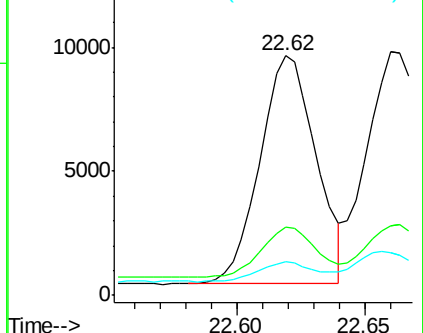
125 13.9 9.4 14.0



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



#36

Benzo(k)fluoranthene

Concen: 0.328 ng

RT: 22.62 min Scan# 2351

Delta R.T. -0.05 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

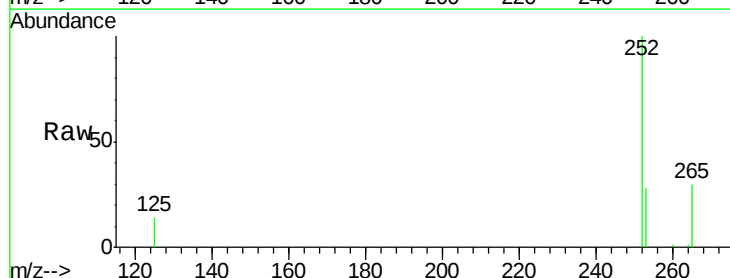
Tgt Ion:252 Resp: 14019

Ion Ratio Lower Upper

252 100

253 28.3 22.2 33.4

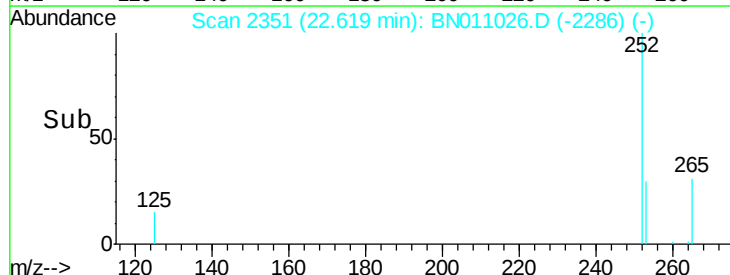
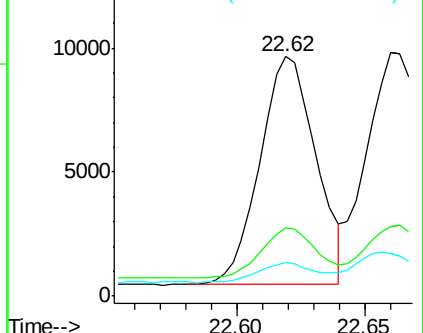
125 13.9 9.8 14.8



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

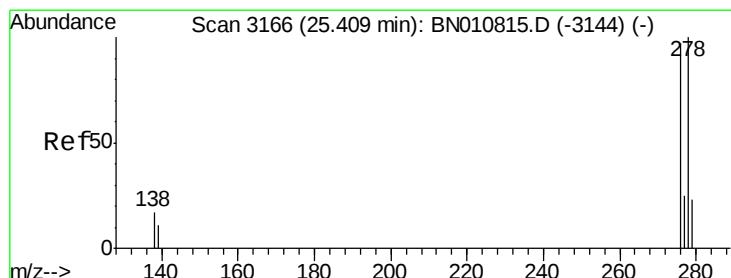
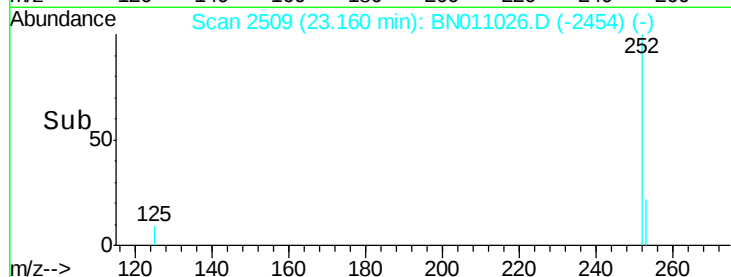
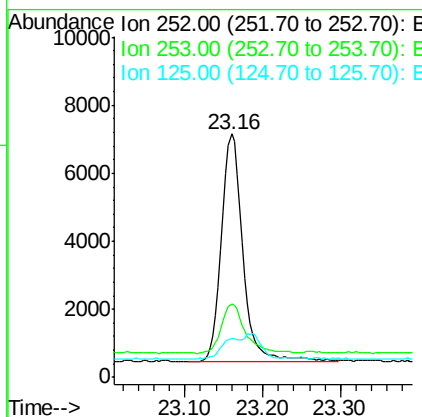
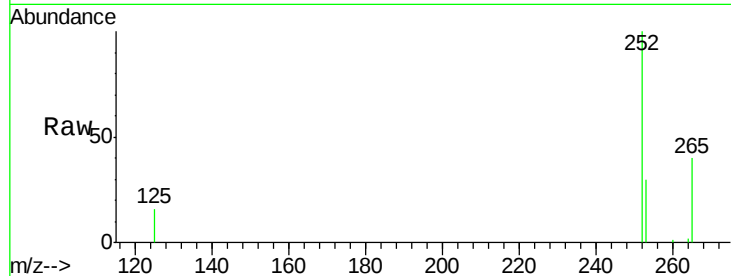




#37
Benzo(a)pyrene
Concen: 0.370 ng
RT: 23.16 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

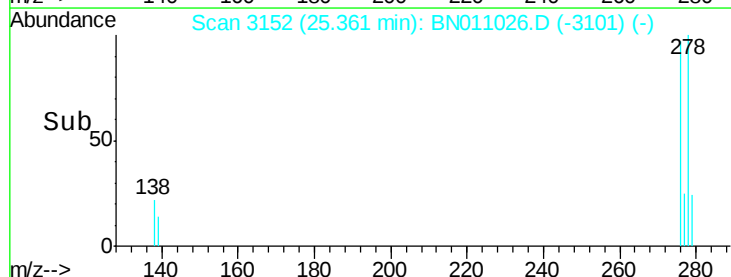
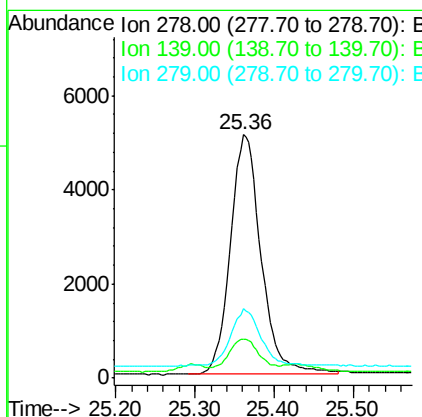
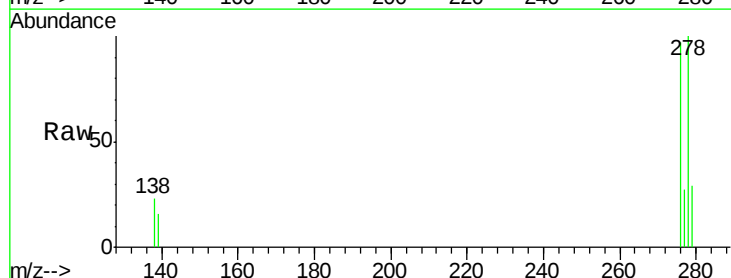
Instrument :
BNA_N
ClientSampleId :
MW-23MS

Tot Ion:252 Resp: 12756
Ion Ratio Lower Upper
252 100
253 30.4 25.8 38.8
125 16.1 12.4 18.6



#38
Dibenzo(a,h)anthracene
Concen: 0.351 ng
RT: 25.36 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BN011026.D
Acq: 23 Jun 2020 07:03

Tgt Ion:278 Resp: 13787
Ion Ratio Lower Upper
278 100
139 16.2 10.6 15.8#
279 28.8 23.6 35.4





#39

Benzo(a,h,i)perylene

Concen: 0.390 ng

RT: 25.98 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BN011026.D

Acq: 23 Jun 2020 07:03

Instrument :

BNA_N

ClientSampleId :

MW-23MS

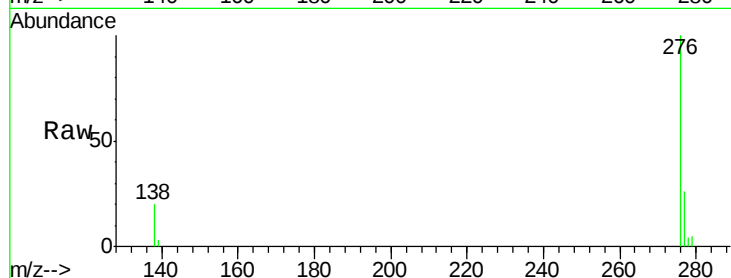
Tot Ion:276 Resp: 16024

Ion Ratio Lower Upper

276 100

277 25.6 20.5 30.7

138 20.3 13.7 20.5



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

