

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
 Data File : BN000201.D
 Acq On : 28 Feb 2018 11:51
 Operator : JU/SJ
 Sample : MDL-W-05
 Misc : 0.07PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-05

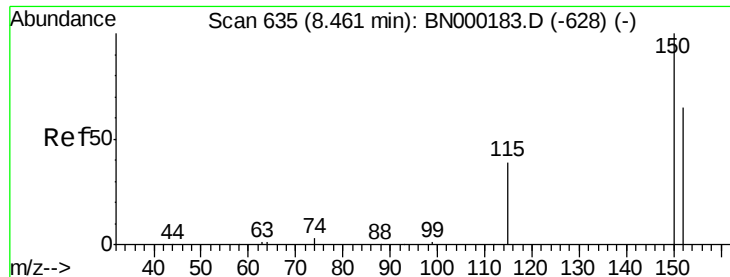
Quant Time: Feb 28 17:00:47 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	5500	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	20338	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10108	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	24325	0.40	ng	0.00
27) Chrysene-d12	21.90	240	18290	0.40	ng	0.00
34) Perylene-d12	24.37	264	15057	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	3846	0.33	ng	0.00
5) Phenol-d6	7.58	99	4658	0.32	ng	0.00
8) Nitrobenzene-d5	9.63	82	3946	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	11322	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	971	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	17270	0.36	ng	0.00
25) Fluoranthene-d10	19.77	212	21826	0.34	ng	0.00
29) Terphenyl-d14	20.34	244	12585	0.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	328	0.058	ng	# 80
3) n-Nitrosodimethylamine	3.98	42	25	0.105	ng	# 1
6) bis(2-Chloroethyl)ether	7.85	93	1071	0.057	ng	98
9) Naphthalene	11.34	128	3626	0.061	ng	# 92
10) Hexachlorobutadiene	11.62	225	589	0.058	ng	98
12) 2-Methylnaphthalene	12.92	142	2243	0.058	ng	97
16) Acenaphthylene	14.78	152	2384	0.050	ng	99
17) Acenaphthene	15.13	154	2126	0.057	ng	96
18) Fluorene	16.09	166	2617	0.056	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	716	0.051	ng	# 84
21) Hexachlorobenzene	17.09	284	1014	0.054	ng	94
22) Pentachlorophenol	17.43	266	196	0.129	ng	# 81
23) Phenanthrene	17.82	178	4727	0.055	ng	98
24) Anthracene	17.91	178	3056	0.047	ng	95
26) Fluoranthene	19.80	202	4646	0.052	ng	# 94
28) Pyrene	20.15	202	4625	0.064	ng	99
30) Benzo(a)anthracene	21.88	228	3178	0.055	ng	98
31) Chrysene	21.93	228	3964	0.059	ng	97
32) Bis(2-ethylhexyl)phthalate	21.76	149	1550	0.072	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.92	276	3347	0.053	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	3904	0.057	ng	# 82
36) Benzo(k)fluoranthene	23.66	252	3598	0.054	ng	# 54
37) Benzo(a)pyrene	24.26	252	2885	0.052	ng	# 49
38) Dibenzo(a,h)anthracene	26.93	278	2505	0.050	ng	# 73
39) Benzo(g,h,i)perylene	27.70	276	3393	0.058	ng	# 77

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

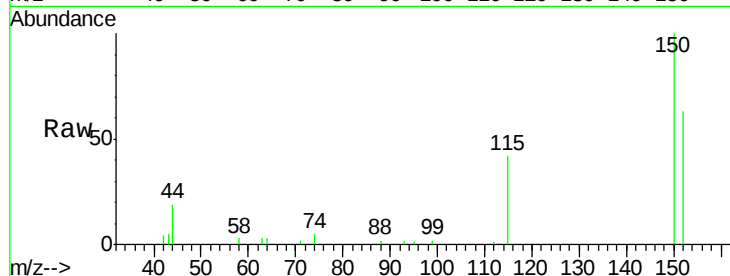


#1

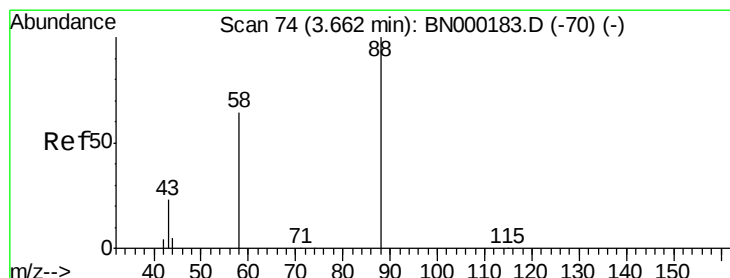
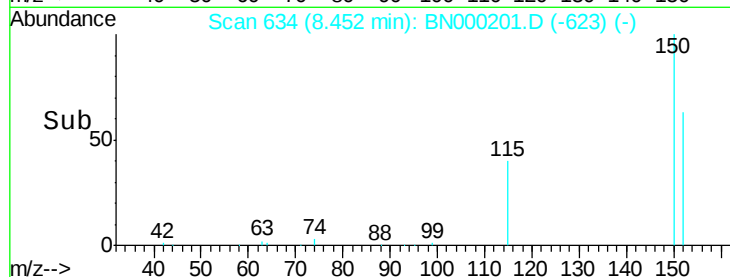
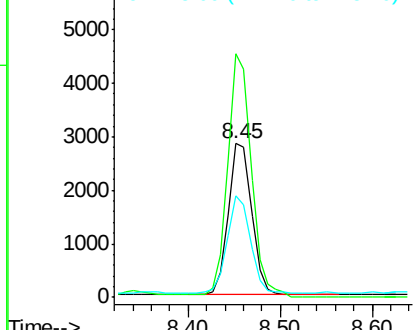
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.45 min Scan# 634
Delta R.T. -0.01 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Instrument :
BNA_N
ClientSampleId :
MDL-W-05

Tgt Ion: 152 Resp: 5500
Ion Ratio Lower Upper
152 100
150 158.4 117.2 175.8
115 66.3 57.0 85.6



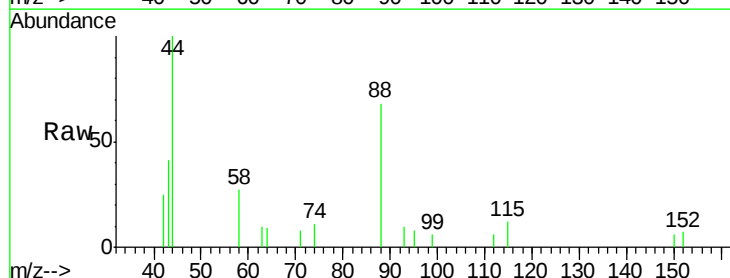
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



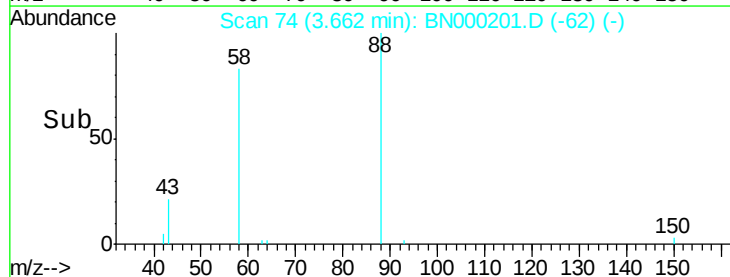
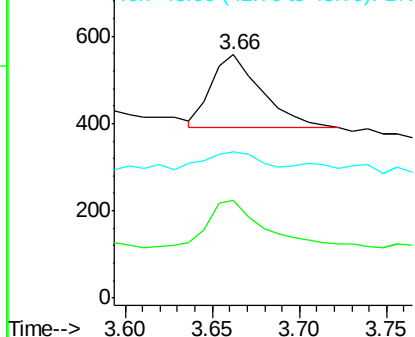
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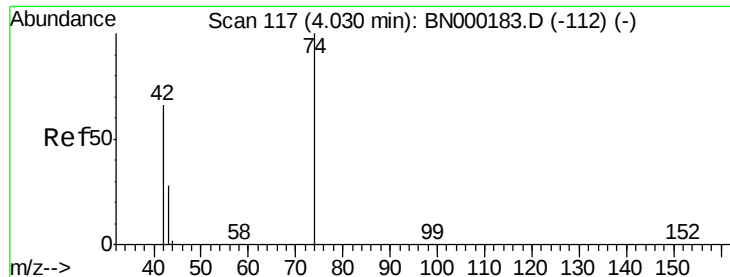
1,4-Dioxane
Concen: 0.058 ng
RT: 3.66 min Scan# 74
Delta R.T. 0.00 min
Lab File: BN000201.D
Acq: 28 Feb 2018 11:51

Tgt Ion: 88 Resp: 328
Ion Ratio Lower Upper
88 100
58 77.4 48.0 72.0#
43 31.4 20.0 30.0#



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



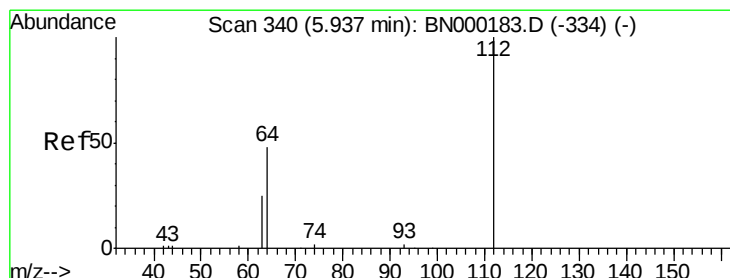
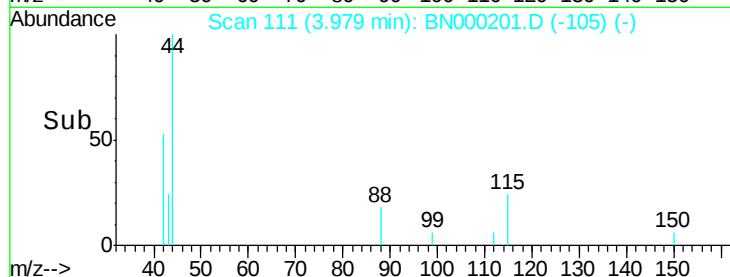
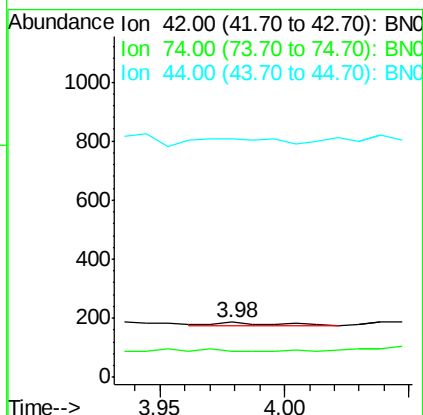
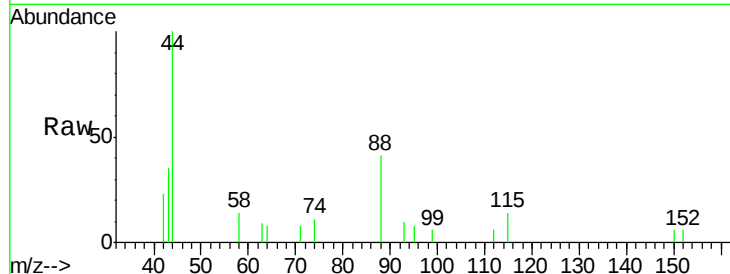


#3

n-Nitrosodimethylamine
 Concen: 0.105 ng
 RT: 3.98 min Scan# 111
 Delta R.T. -0.05 min
 Lab File: BN000201.D
 Acq: 28 Feb 2018 11:51

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-05

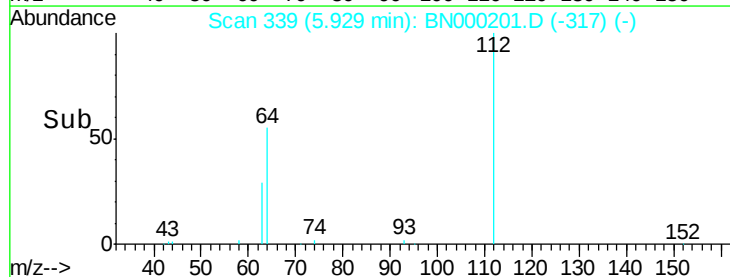
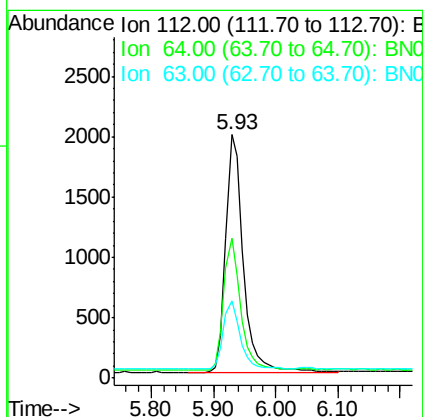
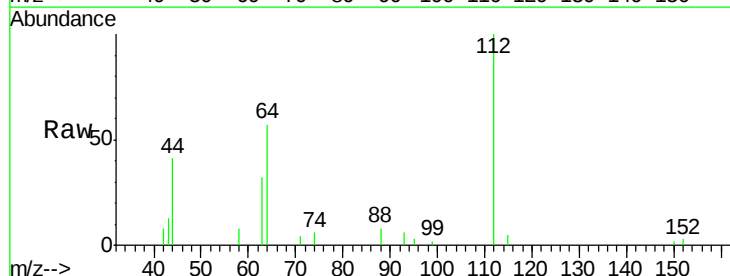
Tgt Ion: 42 Resp: 25
 Ion Ratio Lower Upper
 42 100
 74 0.0 120.0 180.0#
 44 276.0 4.0 6.0#

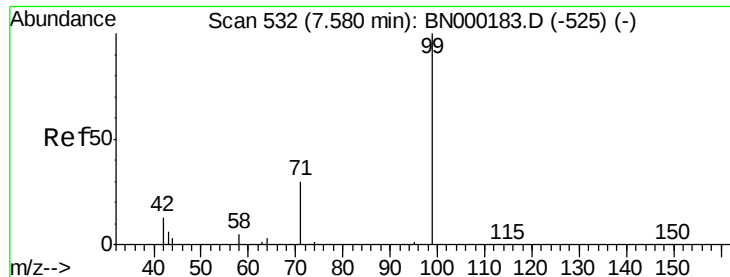


#4

2-Fluorophenol
 Concen: 0.331 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000201.D
 Acq: 28 Feb 2018 11:51

Tgt Ion: 112 Resp: 3846
 Ion Ratio Lower Upper
 112 100
 64 53.8 60.1 90.1#
 63 28.1 116.8 175.2#





#5

Phenol-d6

Concen: 0.316 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

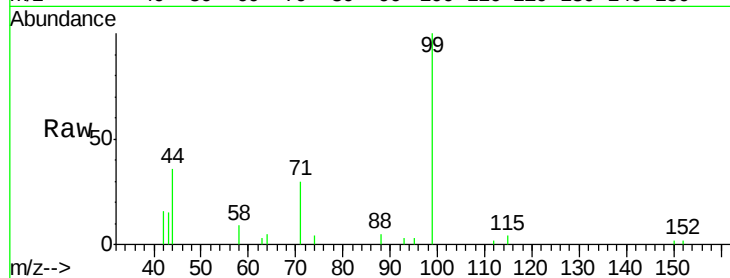
Tgt Ion: 99 Resp: 4658

Ion Ratio Lower Upper

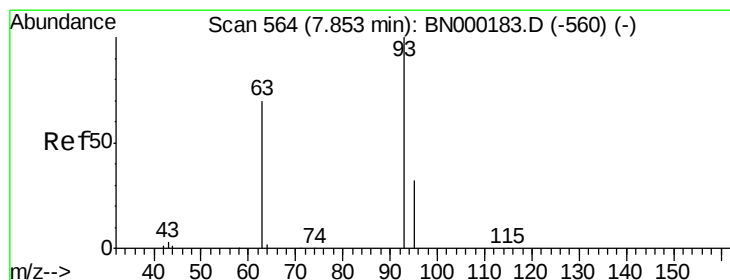
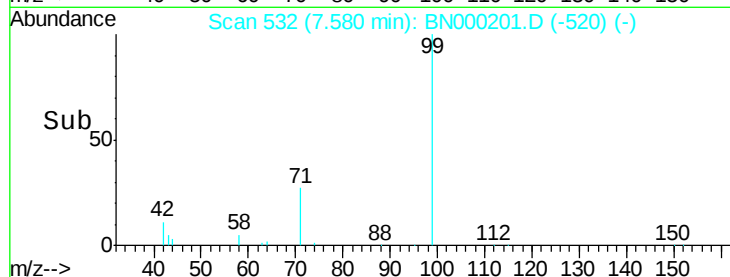
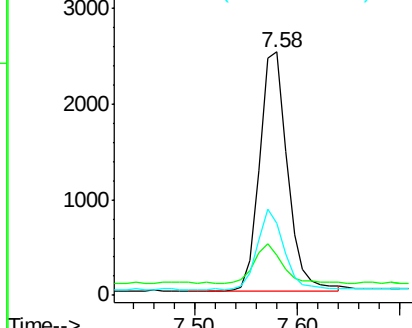
99 100

42 16.9 20.2 30.2#

71 31.7 28.4 42.6



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: 0.057 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

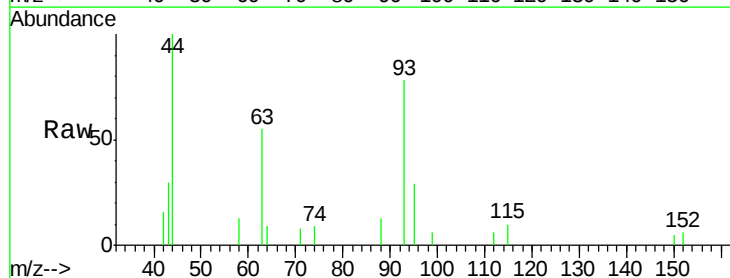
Tgt Ion: 93 Resp: 1071

Ion Ratio Lower Upper

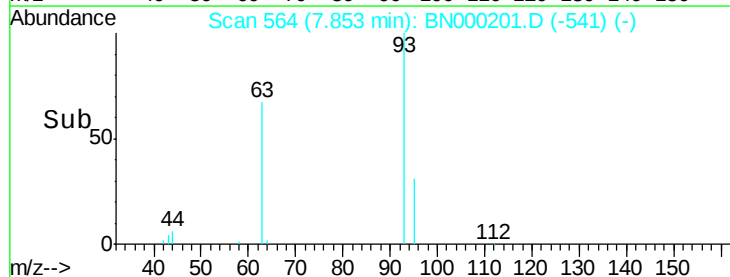
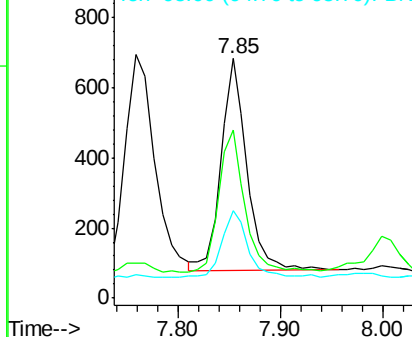
93 100

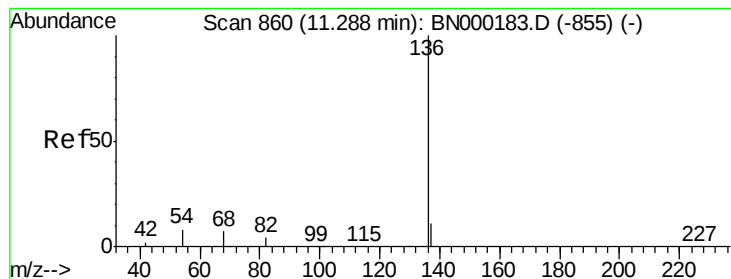
63 68.2 56.0 84.0

95 31.6 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

Tgt Ion:136 Resp: 20338

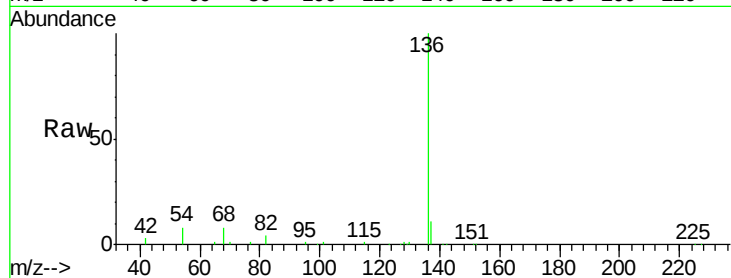
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 8.3 29.1 43.7#

68 7.7 6.2 9.2

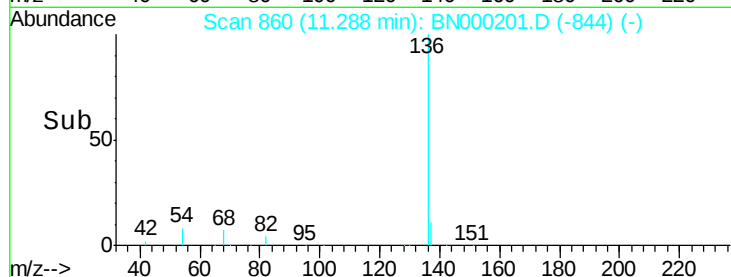


Abundance Ion 136.00 (135.70 to 136.70): E

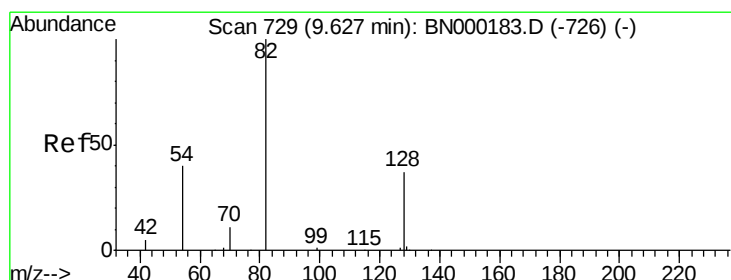
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.327 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

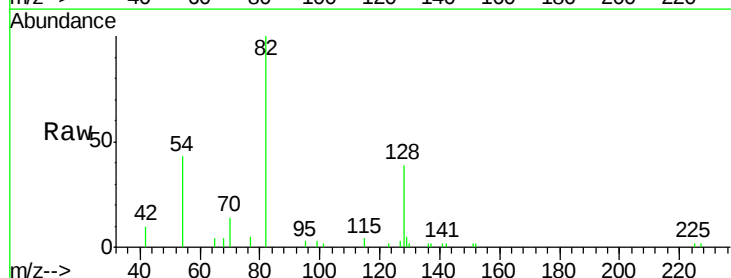
Tgt Ion: 82 Resp: 3946

Ion Ratio Lower Upper

82 100

128 39.4 150.0 225.0#

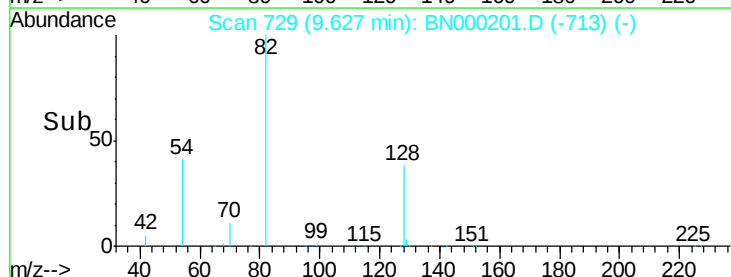
54 42.9 154.2 231.4#



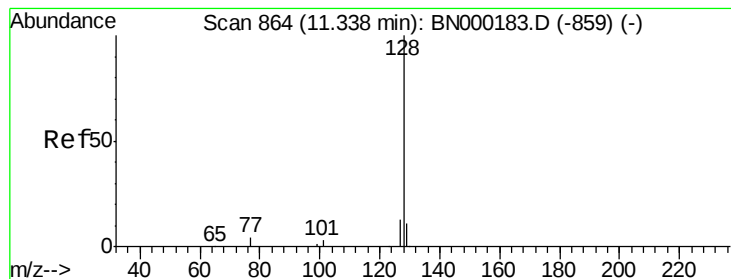
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.061 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

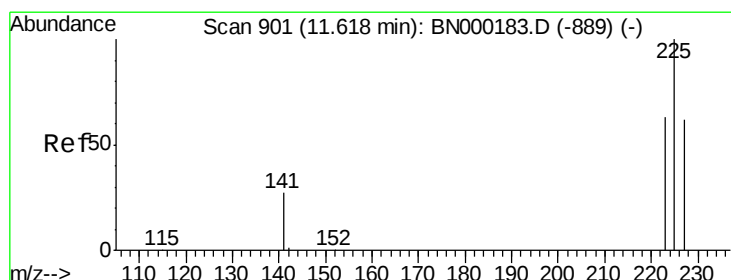
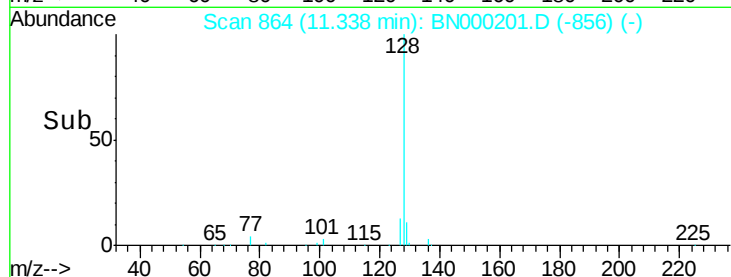
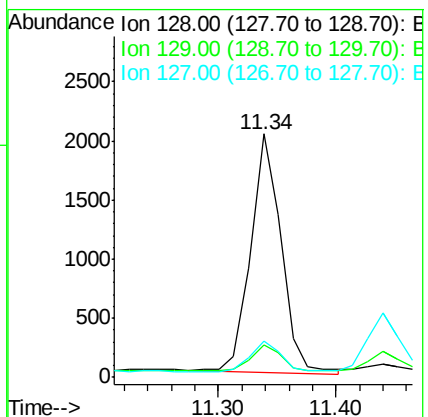
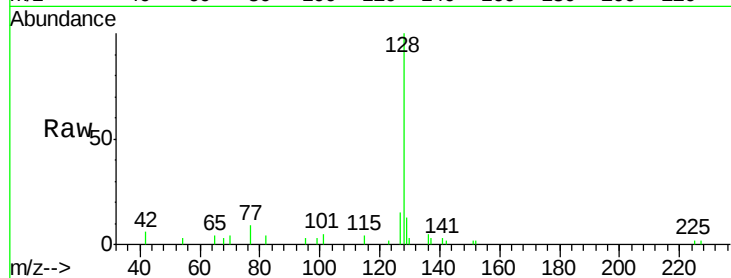
Tgt Ion:128 Resp: 3626

Ion Ratio Lower Upper

128 100

129 13.3 8.0 12.0#

127 14.9 9.6 14.4#



#10

Hexachlorobutadiene

Concen: 0.058 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

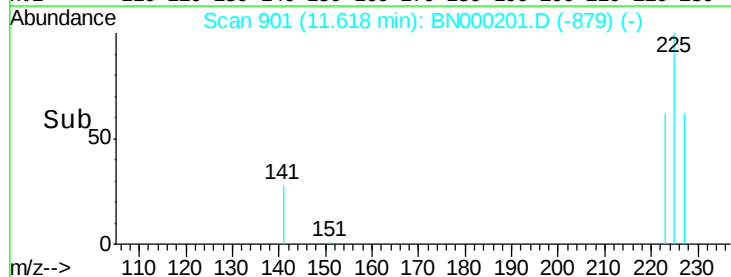
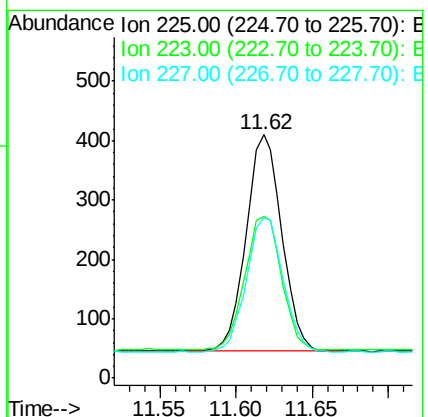
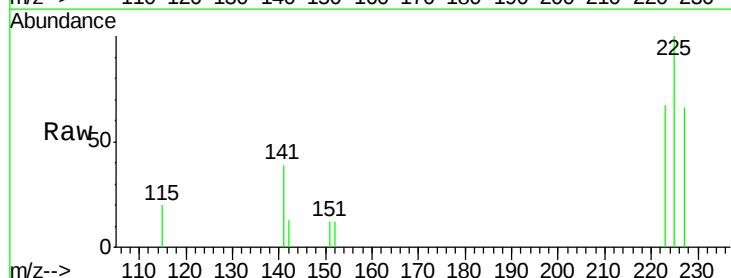
Tgt Ion:225 Resp: 589

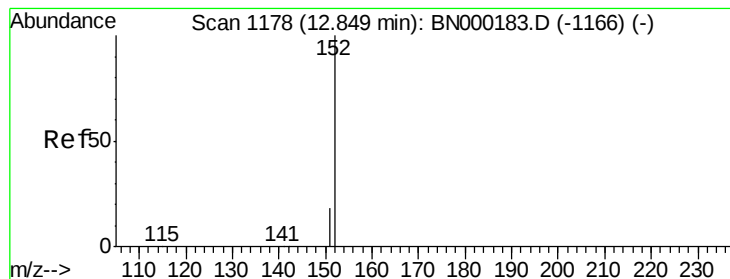
Ion Ratio Lower Upper

225 100

223 63.8 53.0 79.6

227 63.7 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.84 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

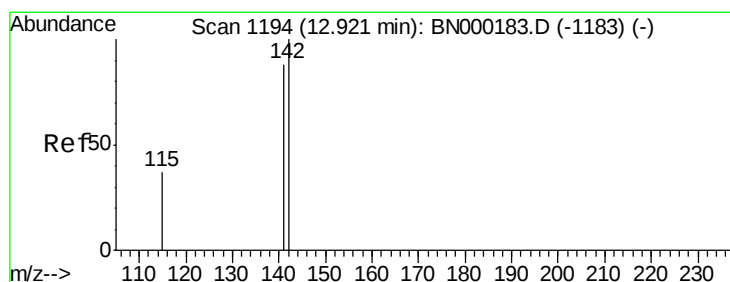
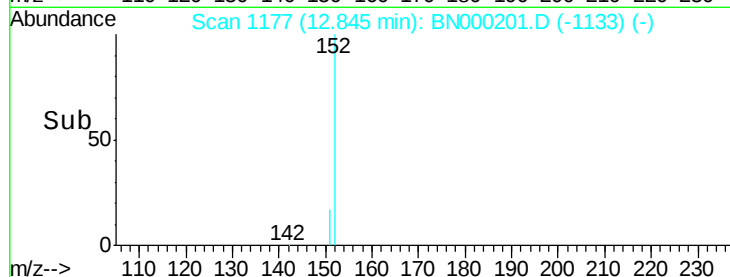
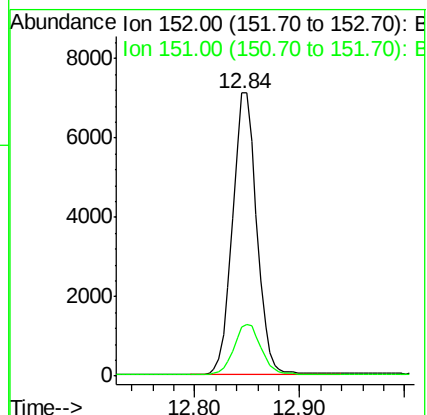
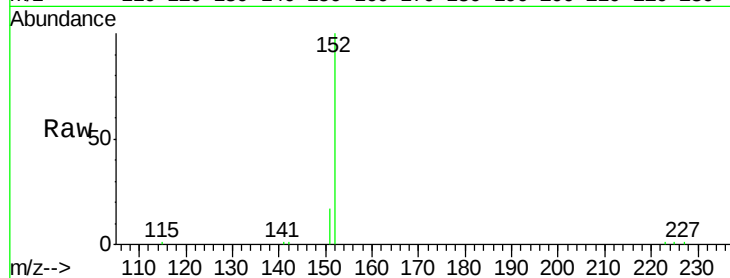
MDL-W-05

Tgt Ion:152 Resp: 11322

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



#12

2-Methylnaphthalene

Concen: 0.058 ng

RT: 12.92 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

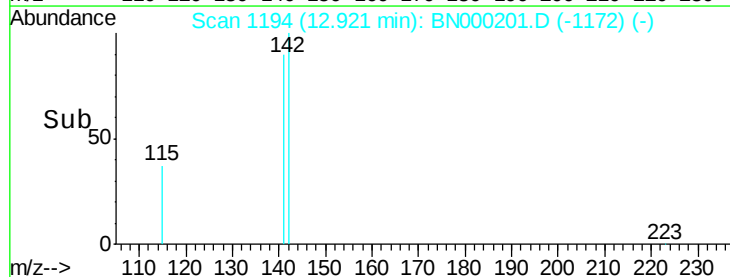
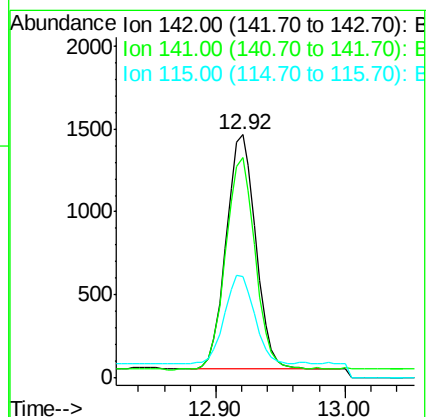
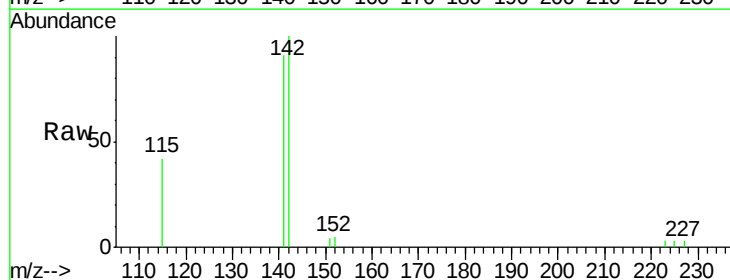
Tgt Ion:142 Resp: 2243

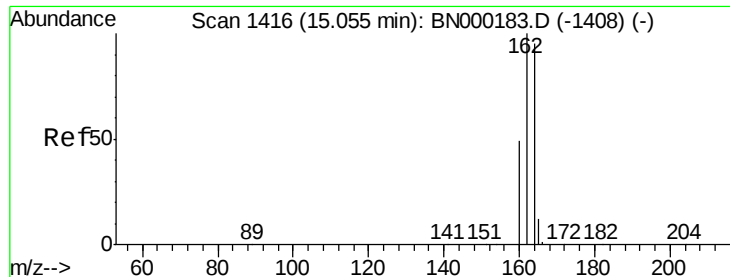
Ion Ratio Lower Upper

142 100

141 90.6 70.4 105.6

115 41.8 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

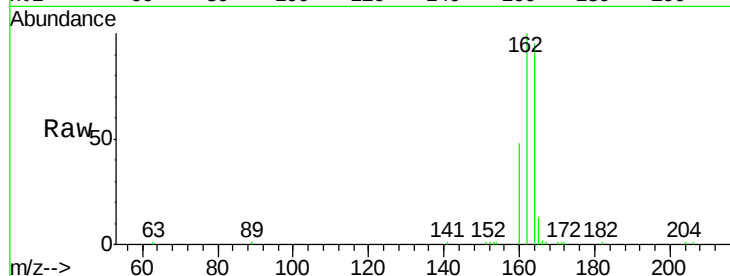
Tgt Ion:164 Resp: 10108

Ion Ratio Lower Upper

164 100

162 105.1 83.1 124.7

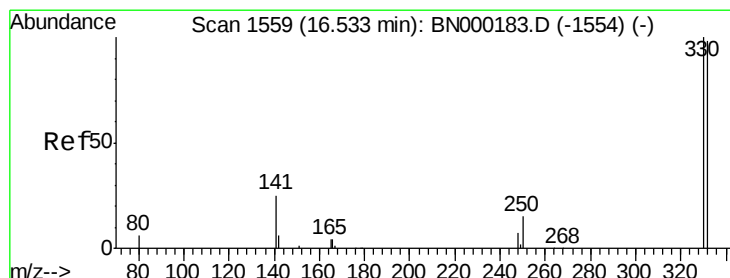
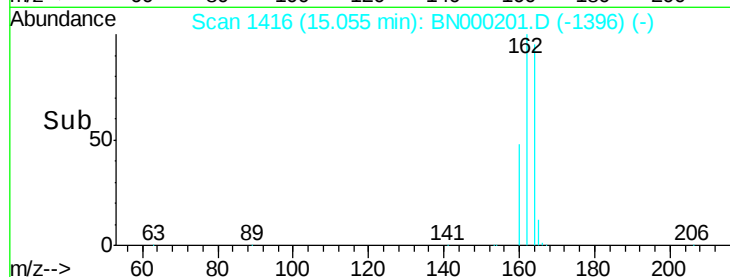
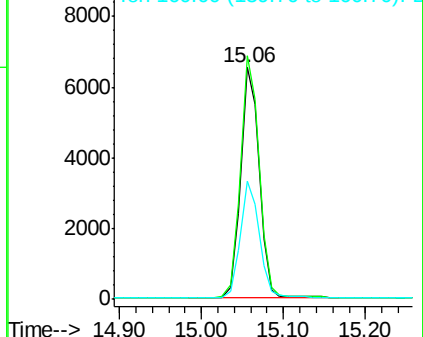
160 50.9 37.1 55.7



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: 0.303 ng

RT: 16.53 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

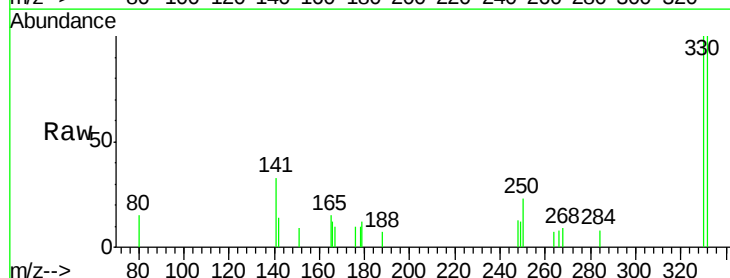
Tgt Ion:330 Resp: 971

Ion Ratio Lower Upper

330 100

332 96.4 152.7 229.1#

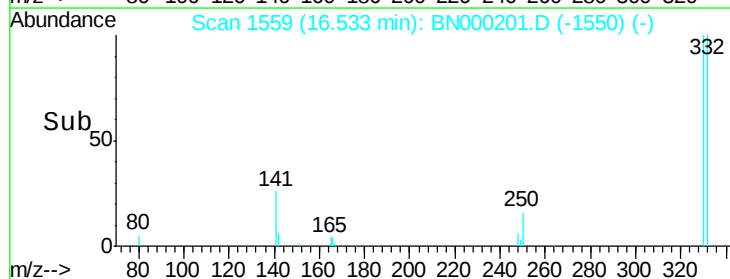
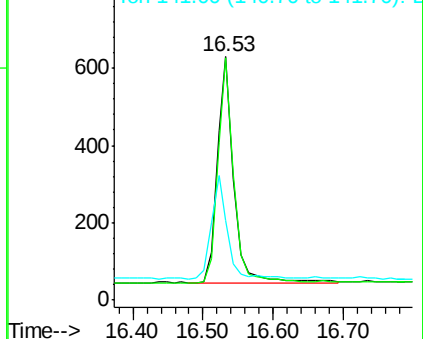
141 44.2 33.7 50.5

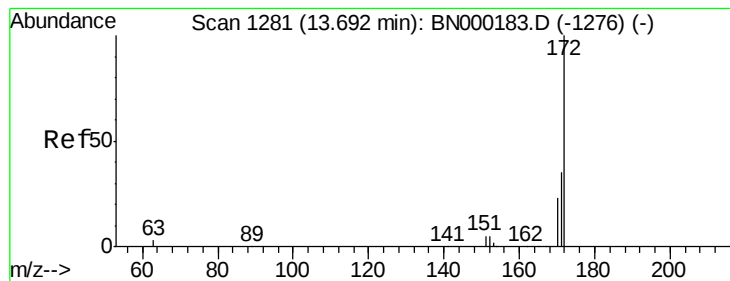


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.360 ng

RT: 13.69 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

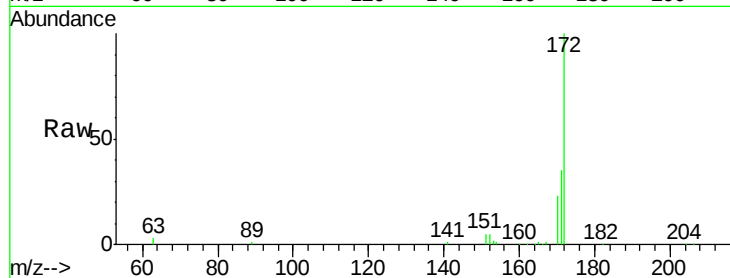
Tgt Ion:172 Resp: 17270

Ion Ratio Lower Upper

172 100

171 34.7 29.9 44.9

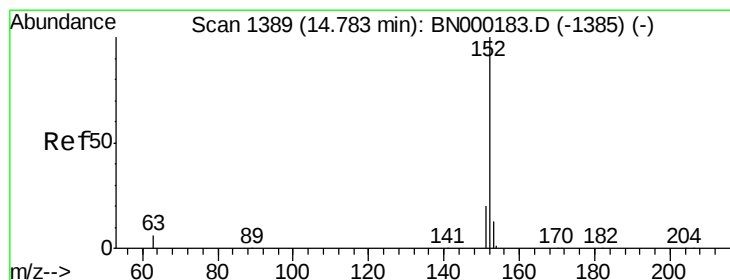
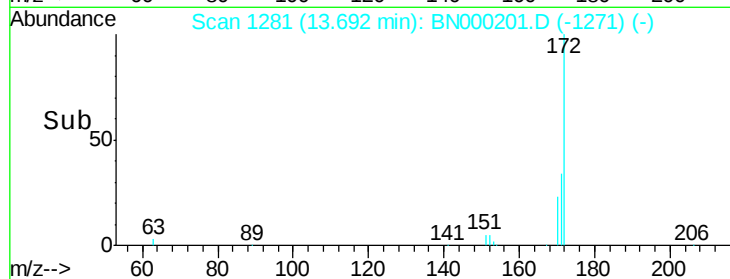
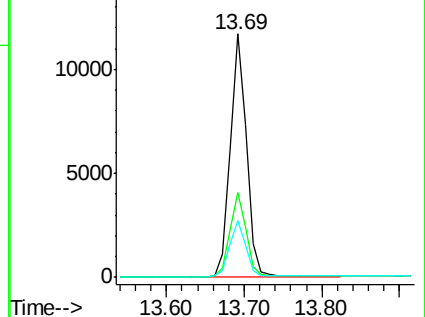
170 23.3 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.050 ng

RT: 14.78 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

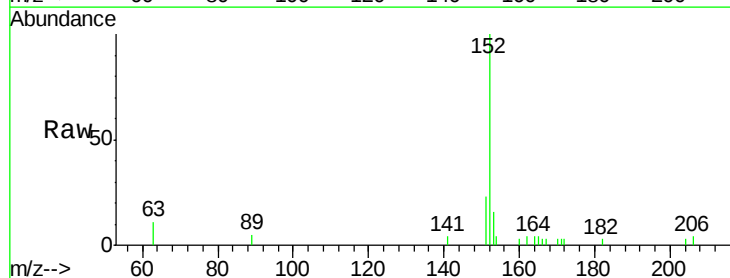
Tgt Ion:152 Resp: 2384

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

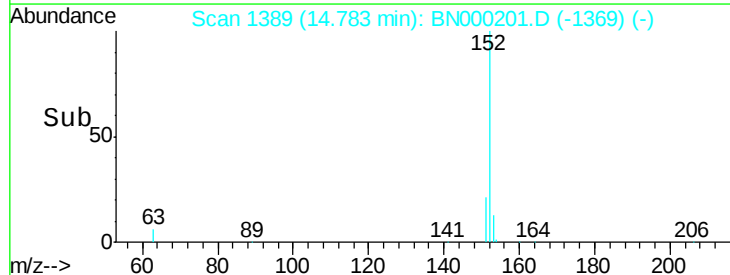
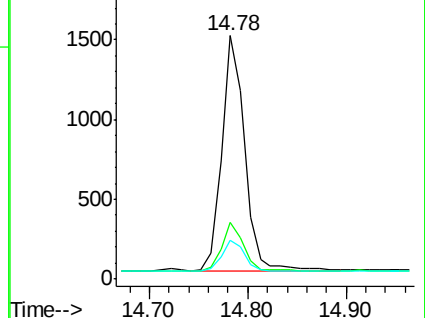
153 13.3 10.5 15.7

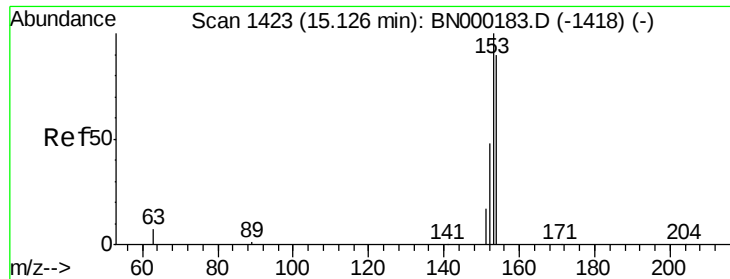


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.057 ng

RT: 15.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

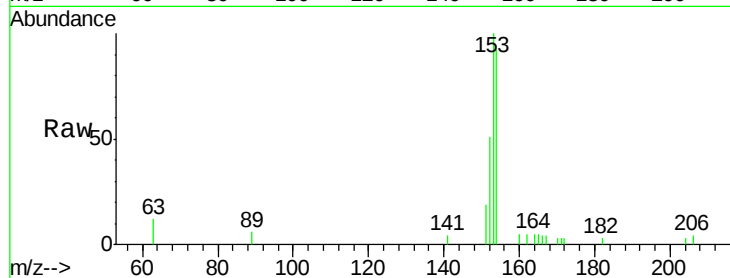
Tgt Ion:154 Resp: 2126

Ion Ratio Lower Upper

154 100

153 113.5 89.2 133.8

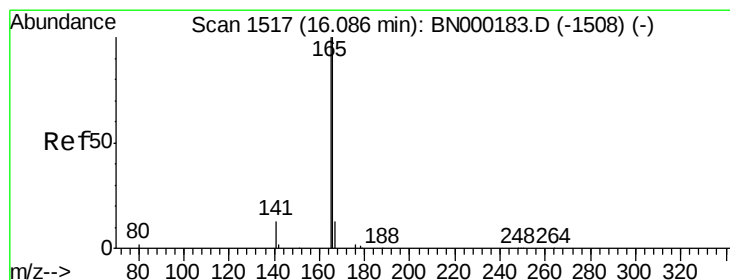
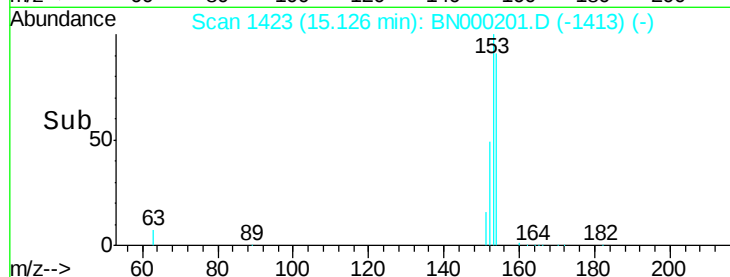
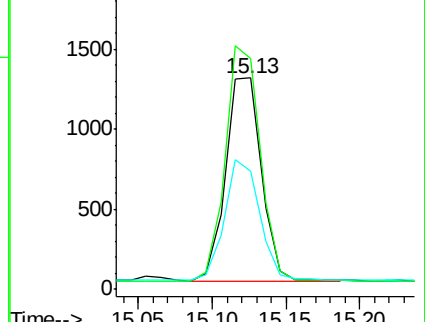
152 58.5 42.0 63.0



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: 0.056 ng

RT: 16.09 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

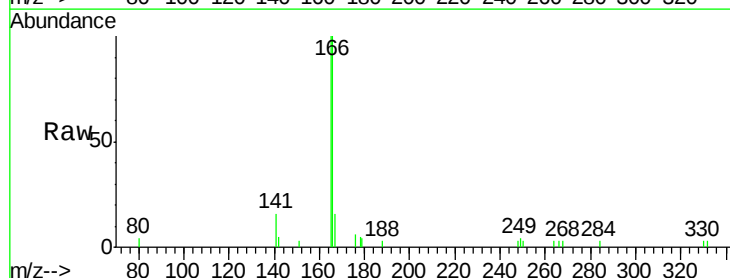
Tgt Ion:166 Resp: 2617

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.6

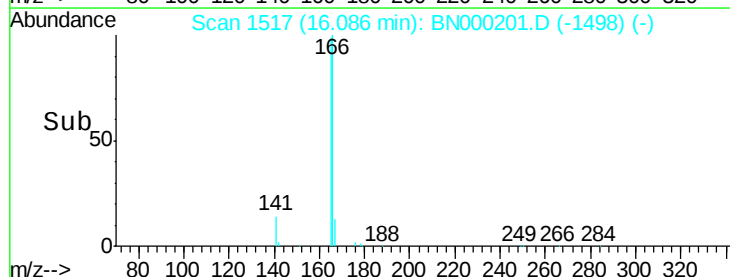
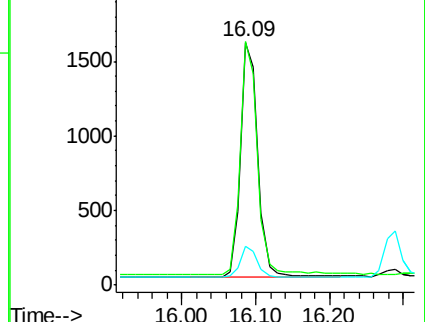
167 13.5 42.4 63.6#

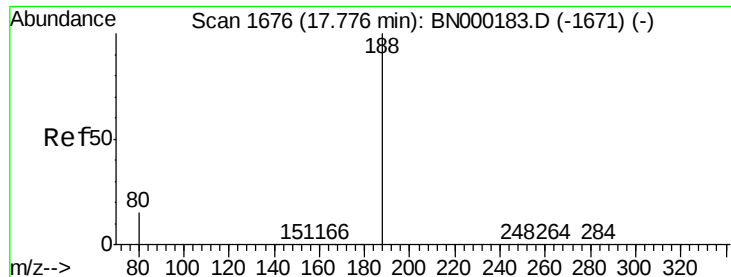


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.78 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

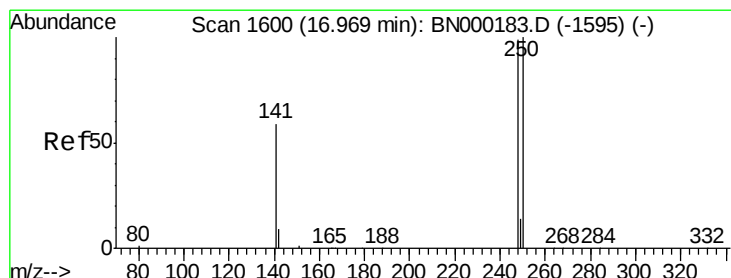
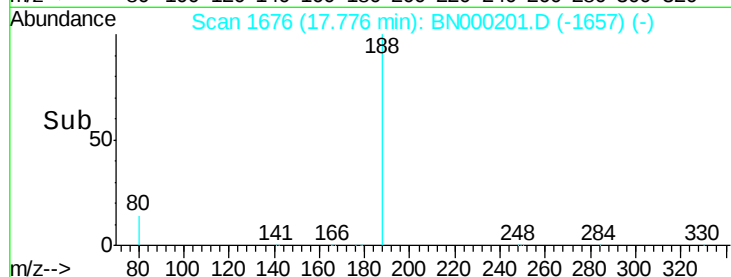
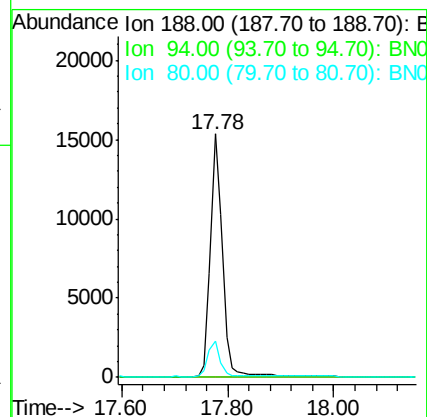
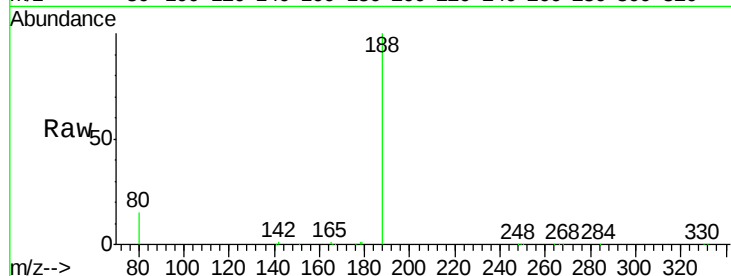
Tgt Ion:188 Resp: 24325

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 14.7 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.051 ng

RT: 16.97 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

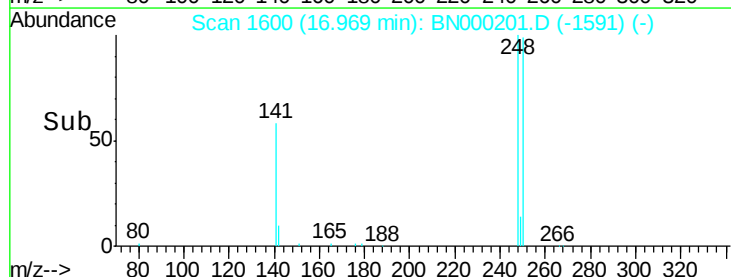
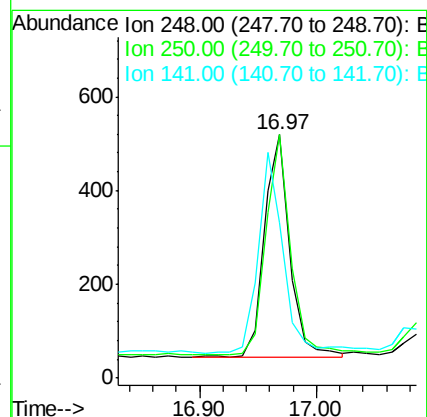
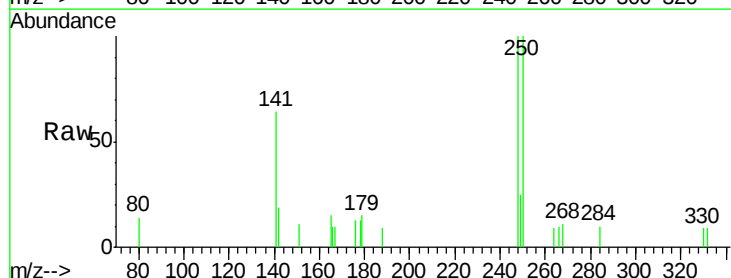
Tgt Ion:248 Resp: 716

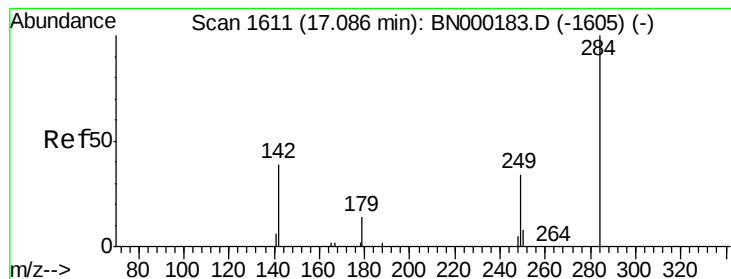
Ion Ratio Lower Upper

248 100

250 100.0 62.7 94.1#

141 64.0 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.054 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

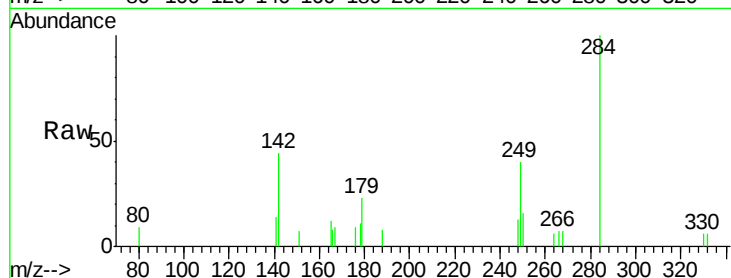
Tgt Ion:284 Resp: 1014

Ion Ratio Lower Upper

284 100

142 43.3 32.0 48.0

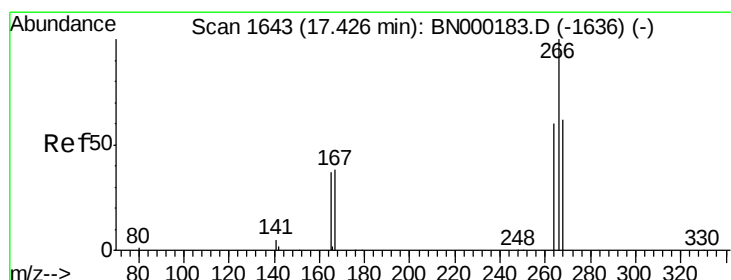
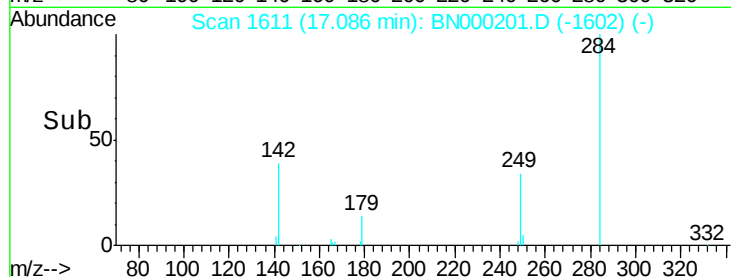
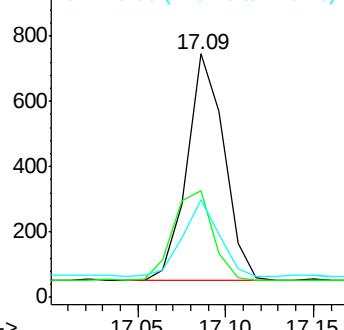
249 34.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.129 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

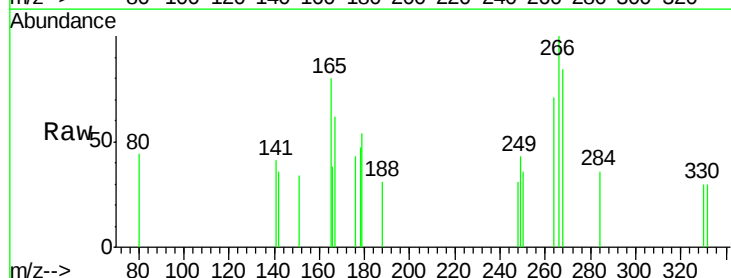
Tgt Ion:266 Resp: 196

Ion Ratio Lower Upper

266 100

264 71.1 48.0 72.0

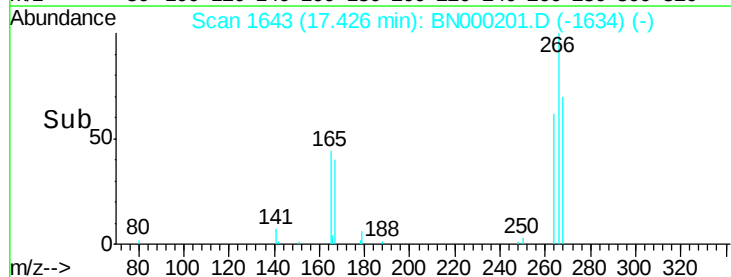
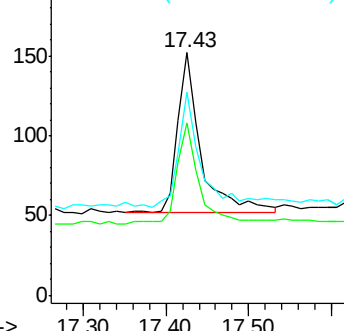
268 83.6 52.0 78.0#

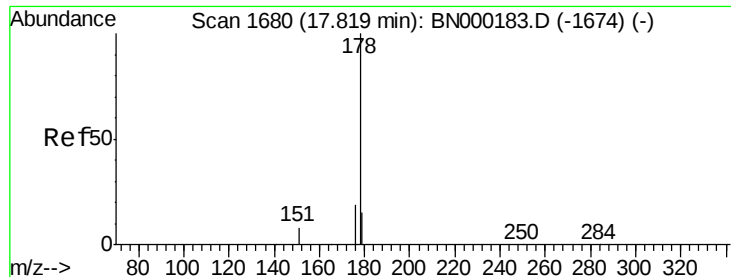


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.055 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

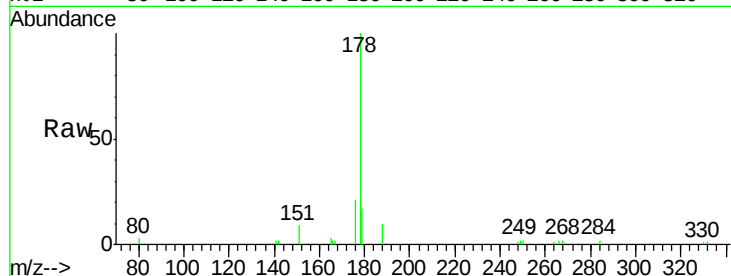
Tgt Ion:178 Resp: 4727

Ion Ratio Lower Upper

178 100

176 19.9 15.1 22.7

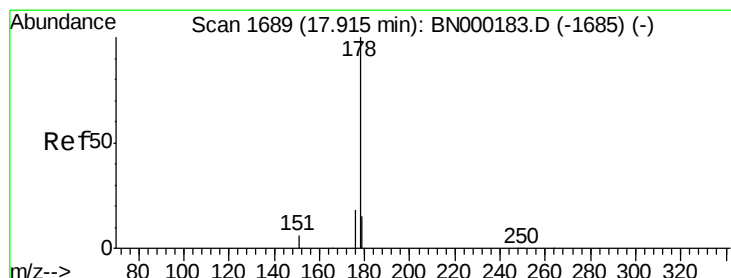
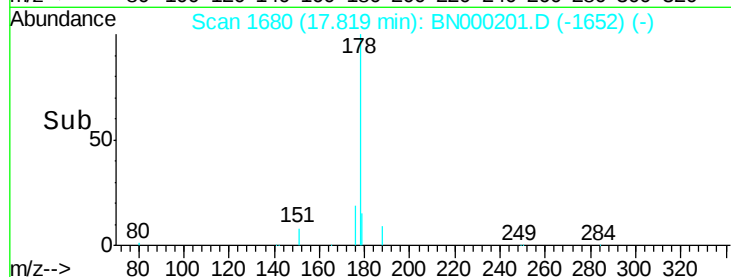
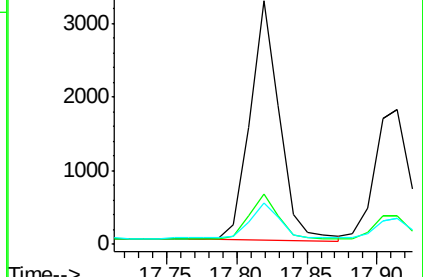
179 15.6 11.8 17.6



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: 0.047 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

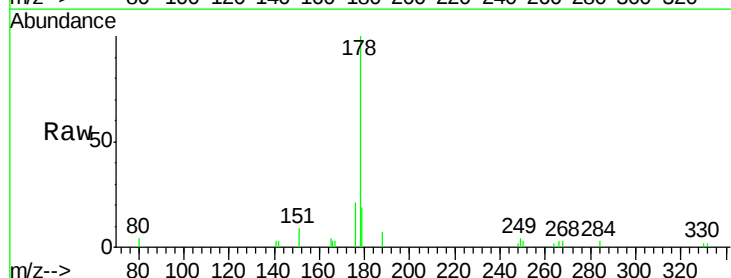
Tgt Ion:178 Resp: 3056

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

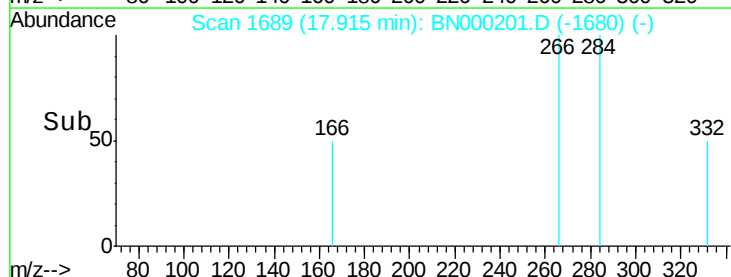
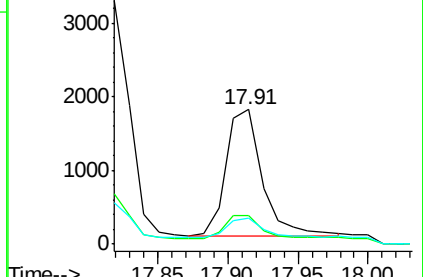
179 14.7 13.0 19.6

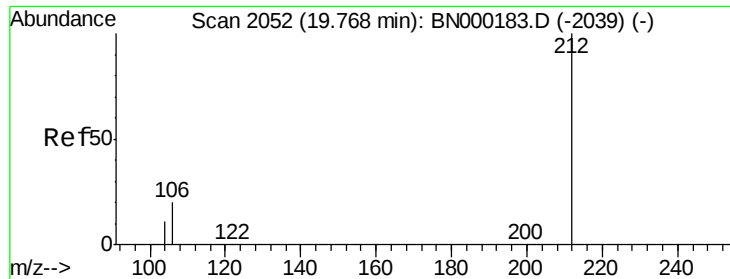


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.77 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

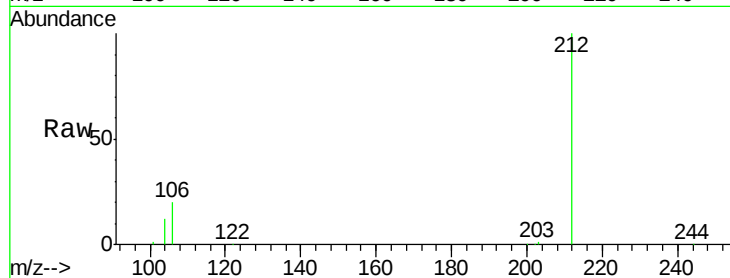
Tgt Ion:212 Resp: 21826

Ion Ratio Lower Upper

212 100

106 19.3 2.8 4.2#

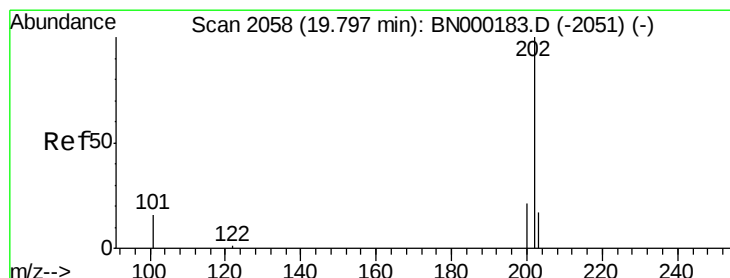
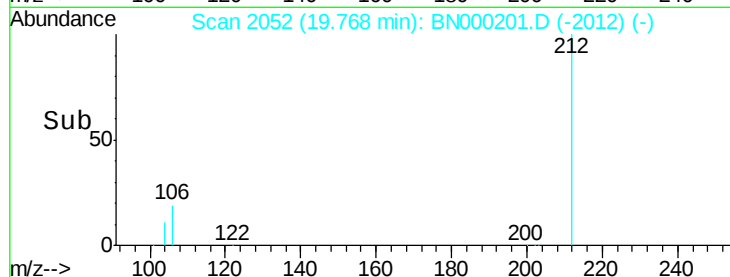
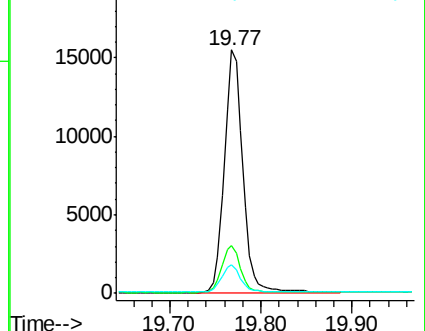
104 11.0 1.6 2.4#



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: 0.052 ng

RT: 19.80 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

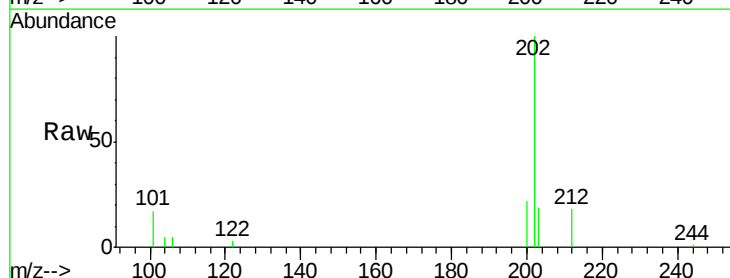
Tgt Ion:202 Resp: 4646

Ion Ratio Lower Upper

202 100

101 16.6 9.8 14.8#

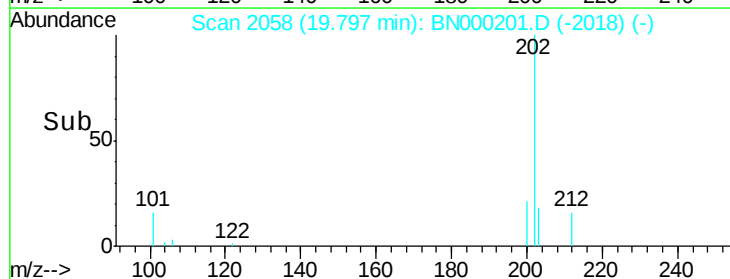
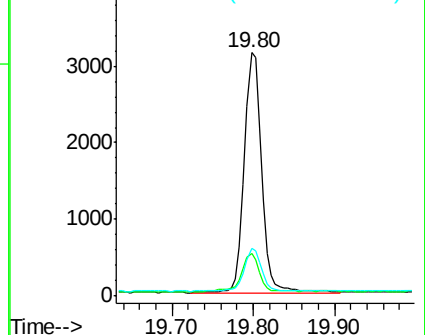
203 18.1 13.7 20.5

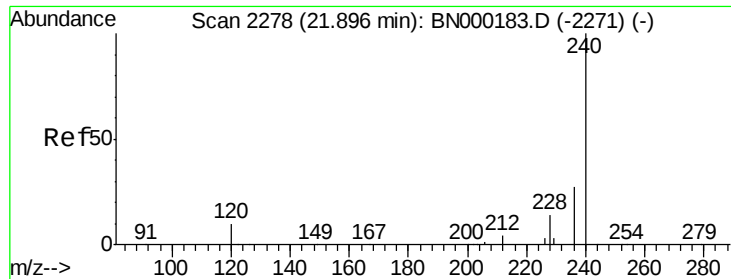


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.90 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

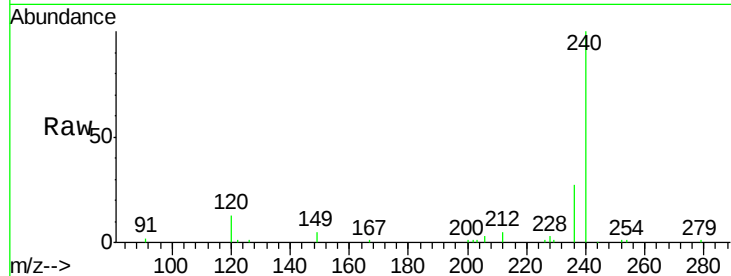
Tgt Ion:240 Resp: 18290

Ion Ratio Lower Upper

240 100

120 12.6 5.5 8.3#

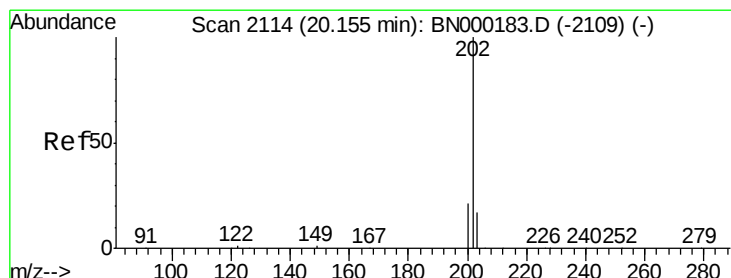
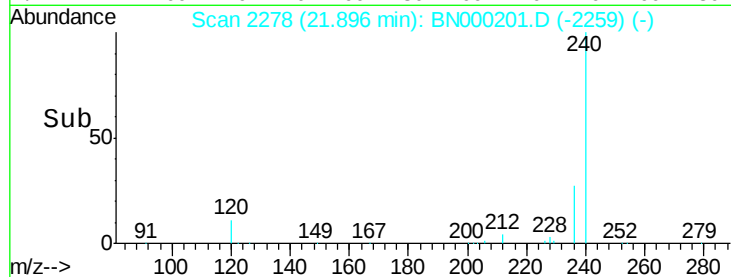
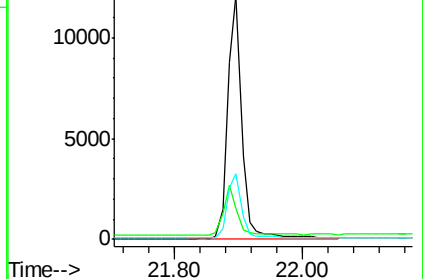
236 27.2 20.7 31.1



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: 0.064 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

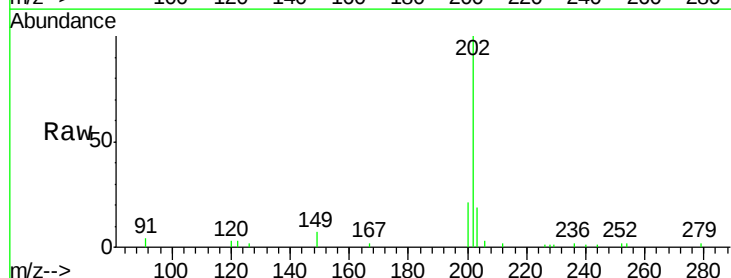
Tgt Ion:202 Resp: 4625

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

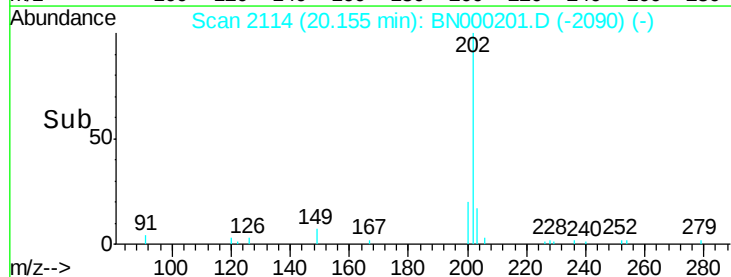
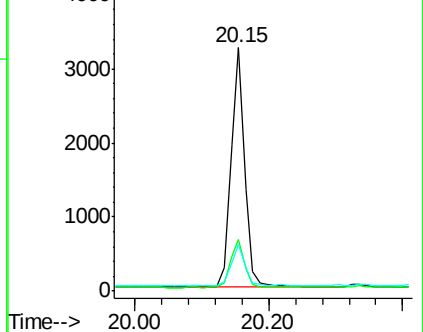
203 18.1 13.8 20.8

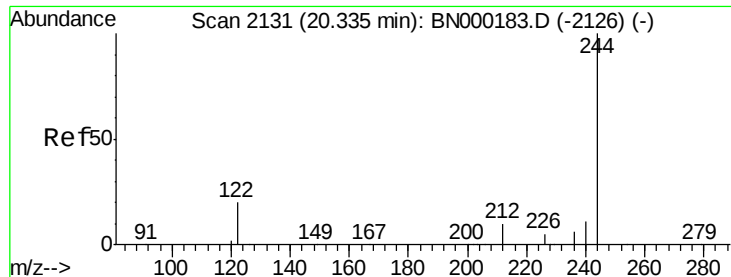


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.392 ng

RT: 20.34 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

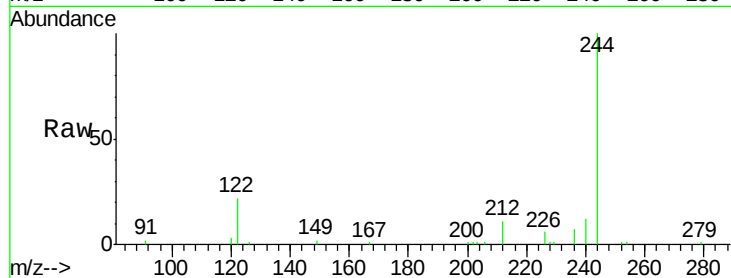
Tgt Ion:244 Resp: 12585

Ion Ratio Lower Upper

244 100

212 10.7 25.4 38.0#

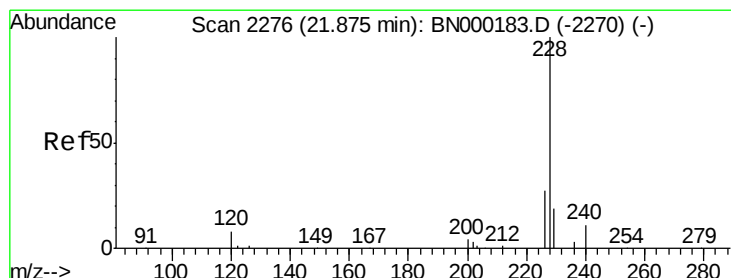
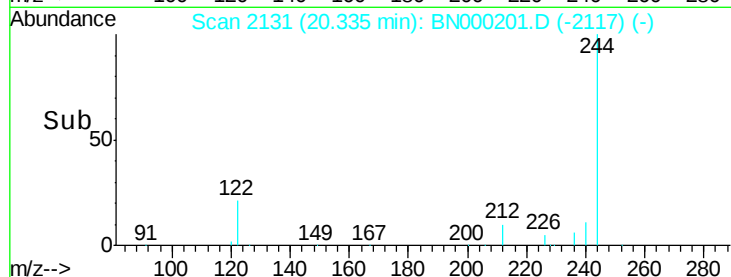
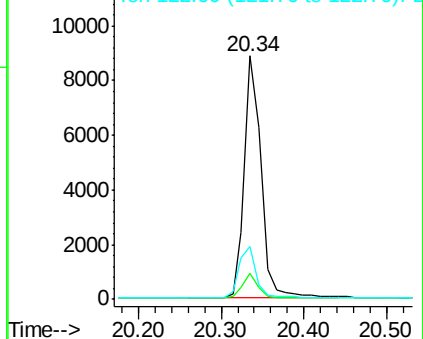
122 22.0 8.1 12.1#



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: 0.055 ng

RT: 21.88 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

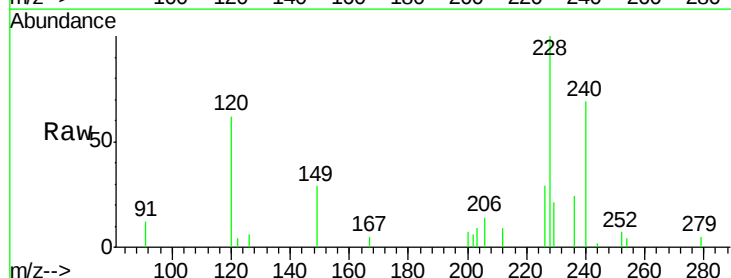
Tgt Ion:228 Resp: 3178

Ion Ratio Lower Upper

228 100

226 28.8 24.0 36.0

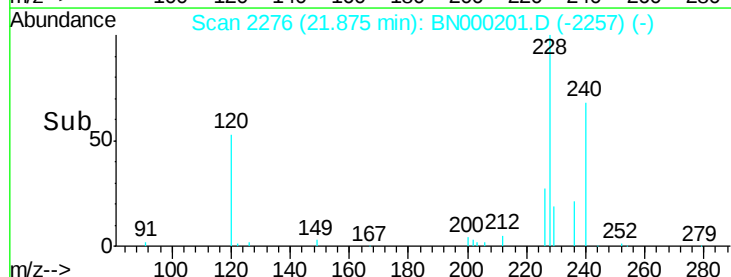
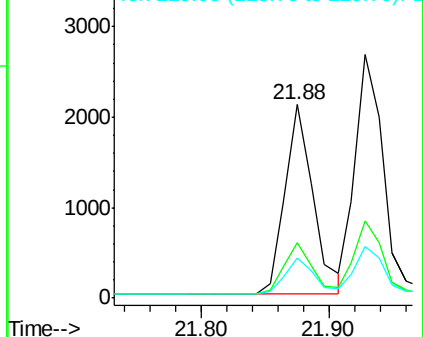
229 20.9 16.0 24.0

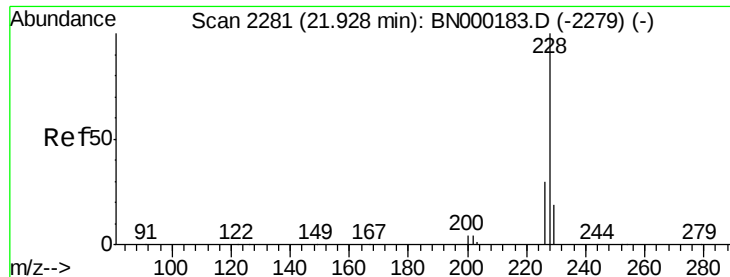


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.059 ng

RT: 21.93 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

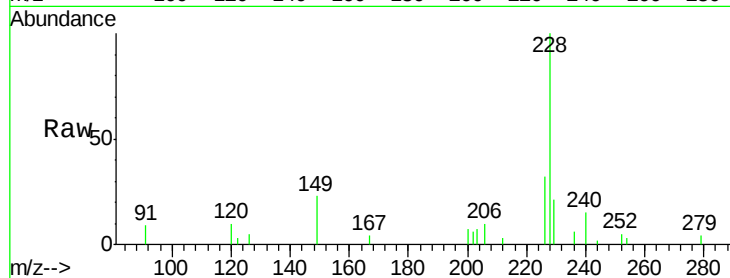
Tgt Ion:228 Resp: 3964

Ion Ratio Lower Upper

228 100

226 31.8 24.0 36.0

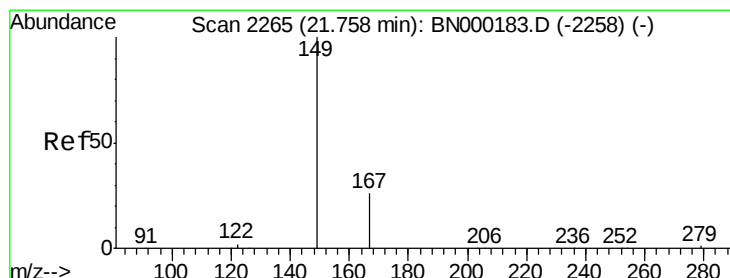
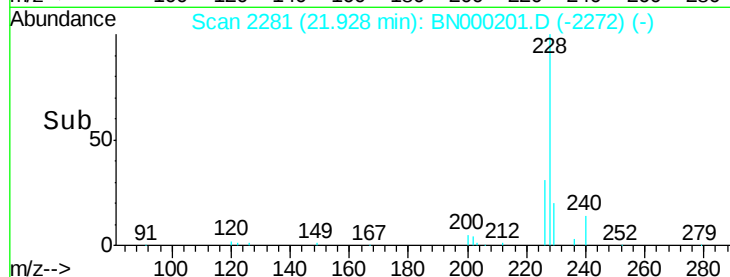
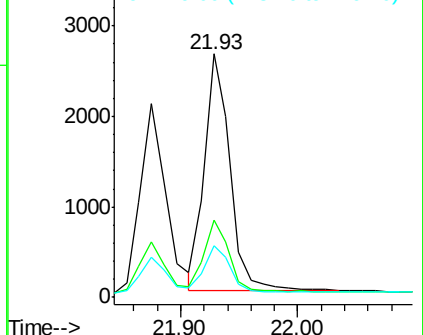
229 21.2 16.0 24.0



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: 0.072 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

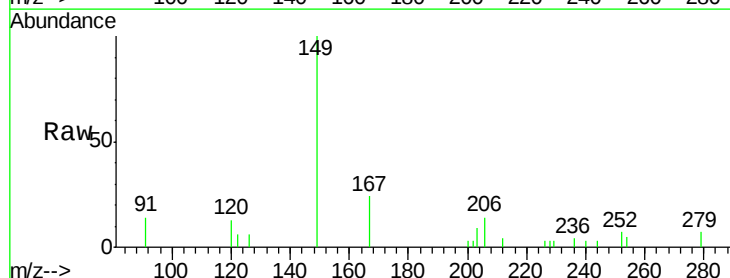
Tgt Ion:149 Resp: 1550

Ion Ratio Lower Upper

149 100

167 25.5 20.0 30.0

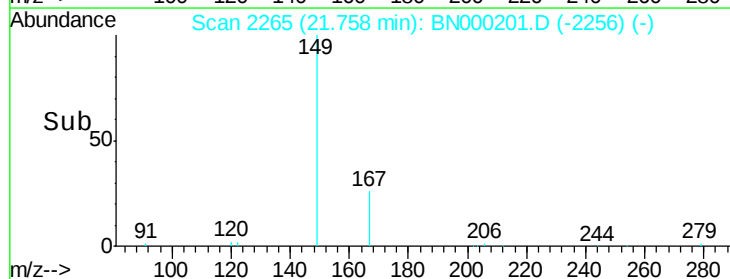
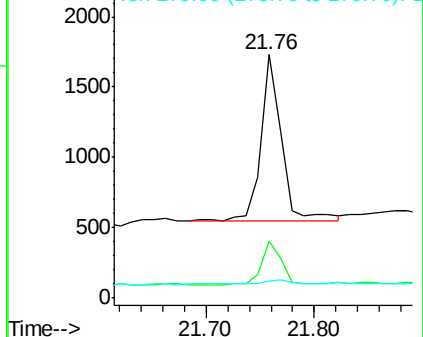
279 3.1 1.6 2.4#

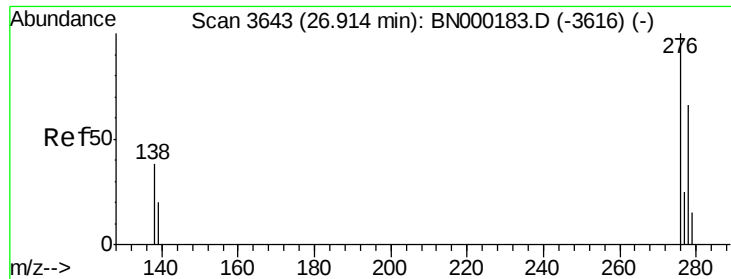


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.053 ng

RT: 26.92 min Scan# 3645

Delta R.T. 0.01 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

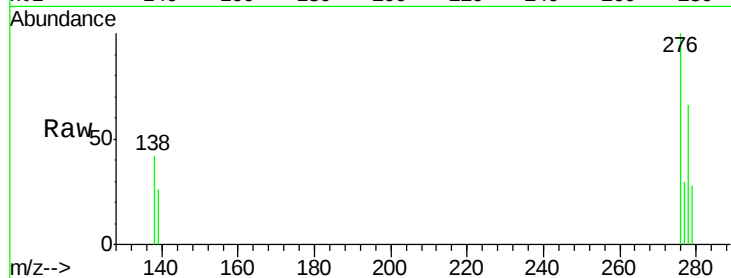
Tgt Ion:276 Resp: 3347

Ion Ratio Lower Upper

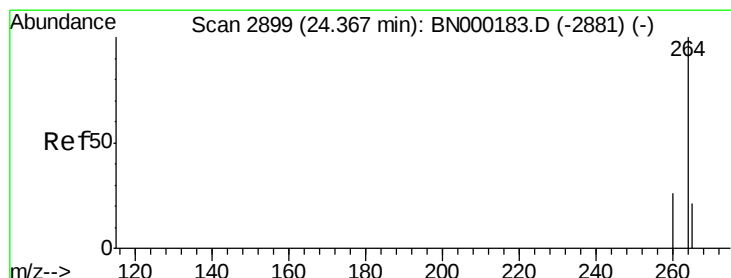
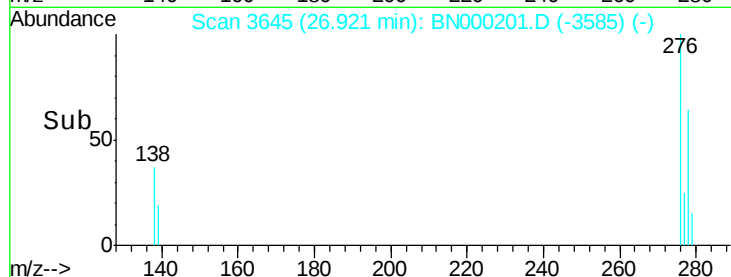
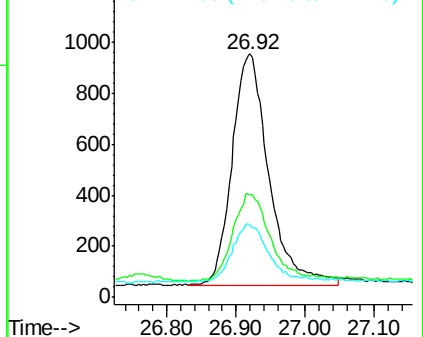
276 100

138 38.0 22.5 33.7#

277 24.1 19.9 29.9



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: 24.37 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

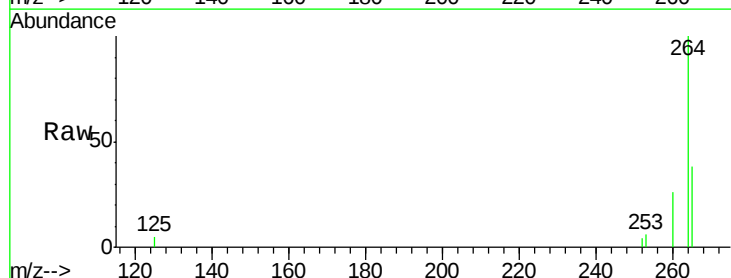
Tgt Ion:264 Resp: 15057

Ion Ratio Lower Upper

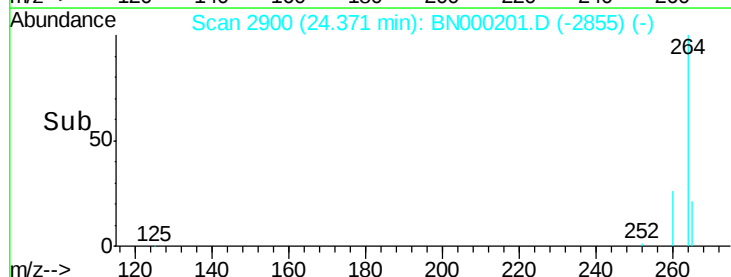
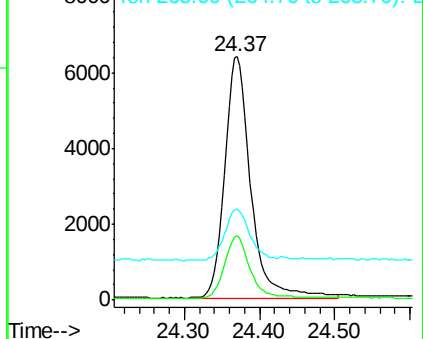
264 100

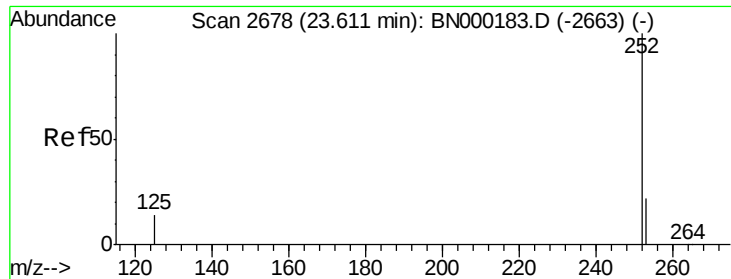
260 26.3 20.5 30.7

265 37.7 22.8 34.2#



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: 0.057 ng

RT: 23.61 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

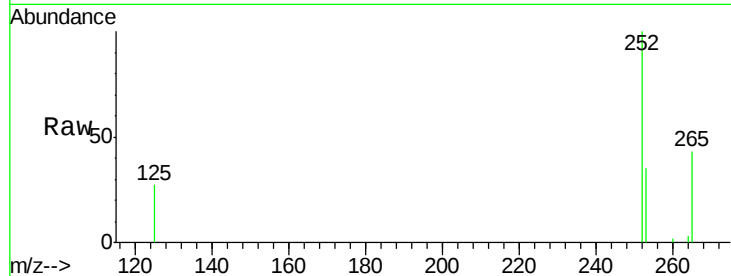
Tgt Ion:252 Resp: 3904

Ion Ratio Lower Upper

252 100

253 34.8 20.0 30.0#

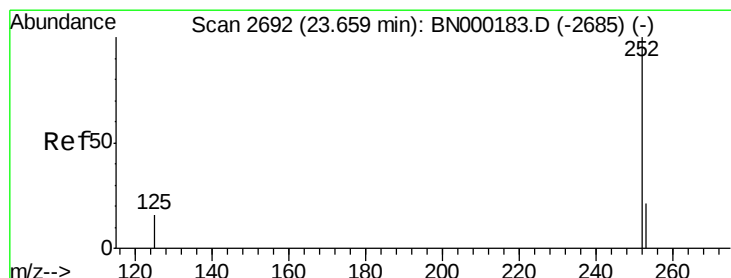
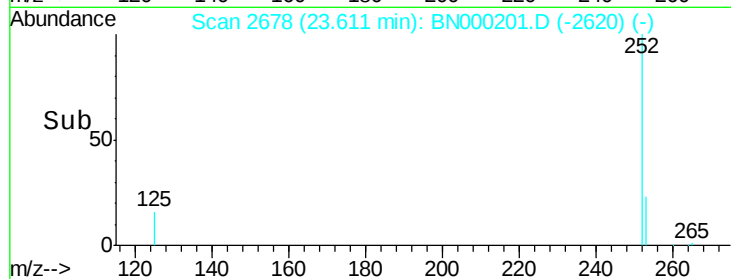
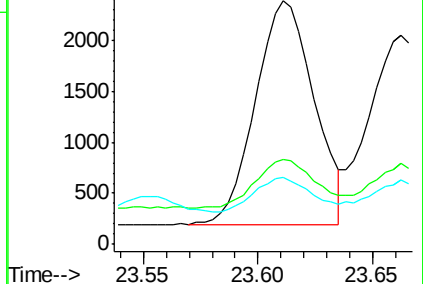
125 27.3 16.0 24.0#



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: 0.054 ng

RT: 23.66 min Scan# 2693

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

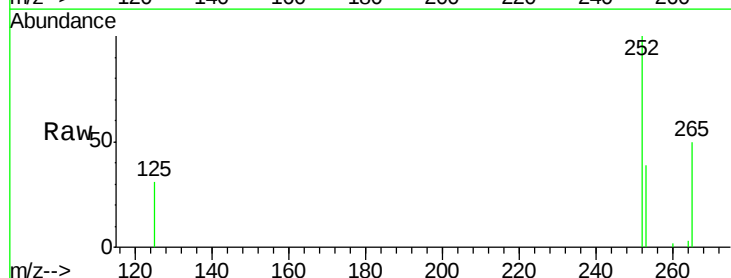
Tgt Ion:252 Resp: 3598

Ion Ratio Lower Upper

252 100

253 38.6 16.0 24.0#

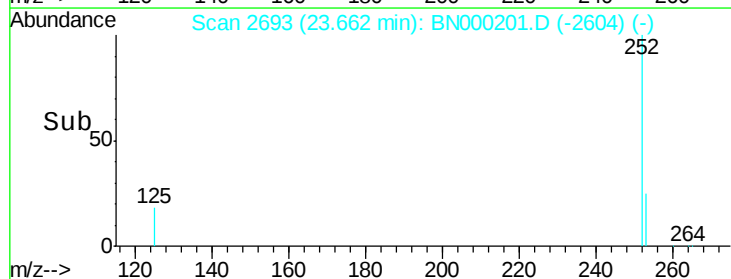
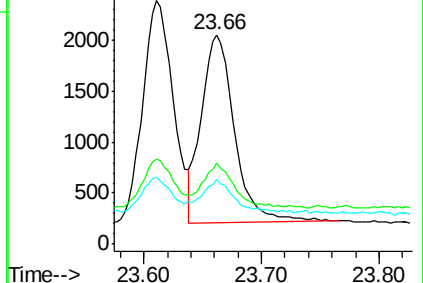
125 30.8 8.0 12.0#

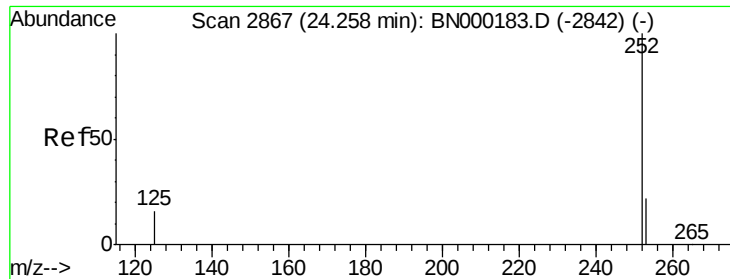


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.052 ng

RT: 24.26 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05

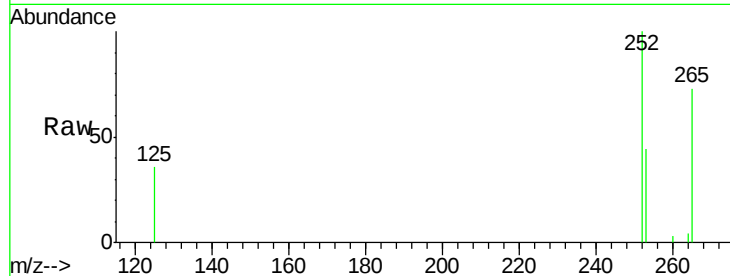
Tgt Ion:252 Resp: 2885

Ion Ratio Lower Upper

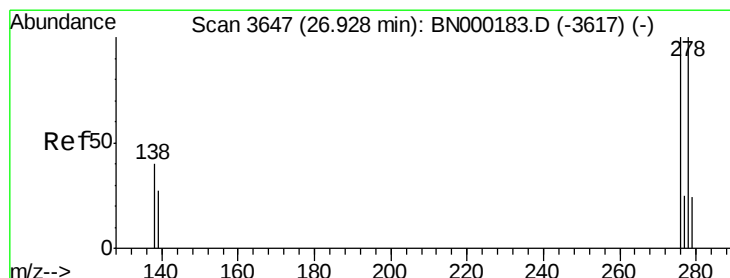
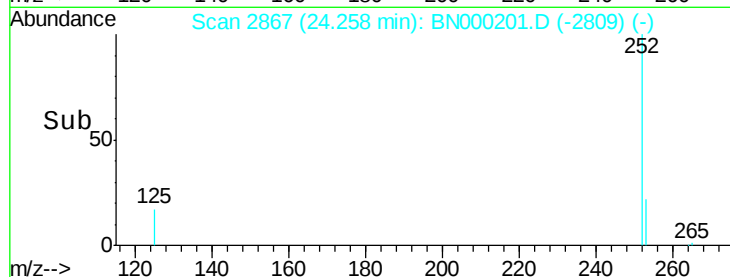
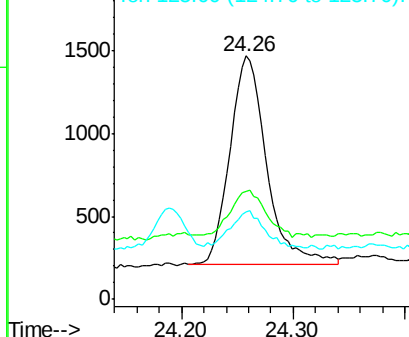
252 100

253 44.1 16.0 24.0#

125 35.8 12.0 18.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.050 ng

RT: 26.93 min Scan# 3649

Delta R.T. 0.01 min

Lab File: BN000201.D

Acq: 28 Feb 2018 11:51

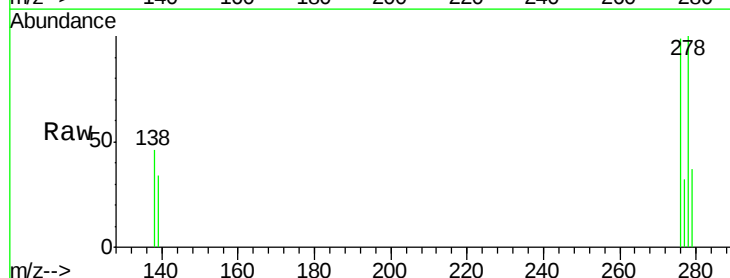
Tgt Ion:278 Resp: 2505

Ion Ratio Lower Upper

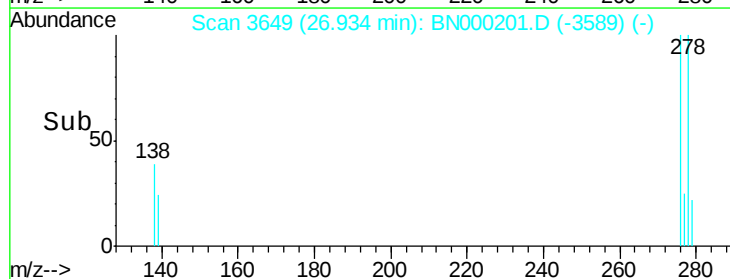
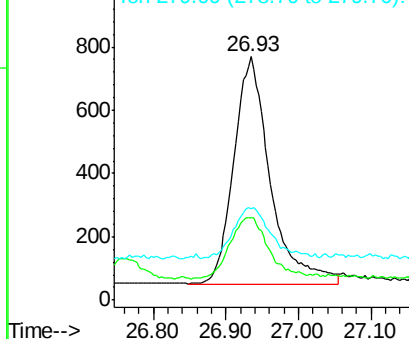
278 100

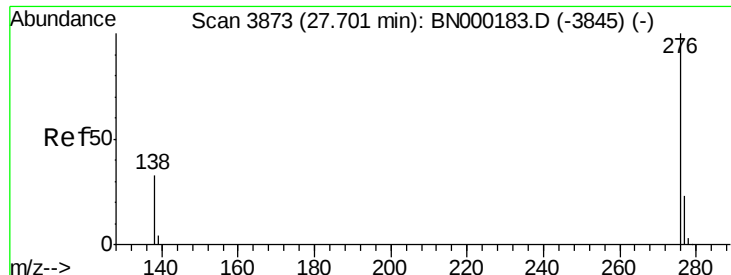
139 33.7 16.0 24.0#

279 37.5 20.0 30.0#



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: 0.058 ng

RT: 27.70 min Scan# 3874

Delta R.T. 0.00 min

Lab File: BN000201.D

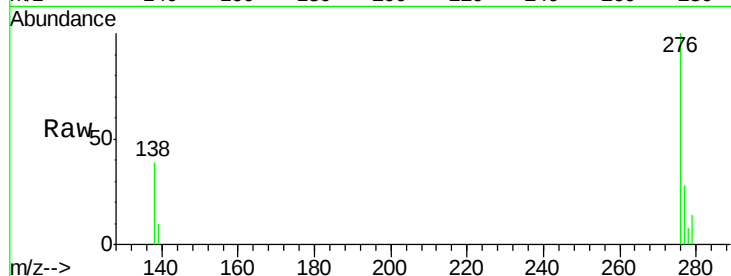
Acq: 28 Feb 2018 11:51

Instrument :

BNA_N

ClientSampleId :

MDL-W-05



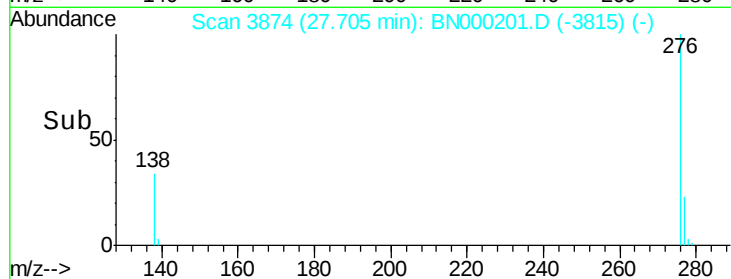
Tgt Ion: 276 Resp: 3393

Ion Ratio Lower Upper

276 100

277 28.0 16.0 24.0#

138 38.7 20.0 30.0#



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

