

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
 Data File : BN000203.D
 Acq On : 28 Feb 2018 13:00
 Operator : JU/SJ
 Sample : MDL-S-05
 Misc : 0.07PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Quant Time: Feb 28 17:01:29 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	4822	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	18556	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9386	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	23110	0.40	ng	0.00
27) Chrysene-d12	21.90	240	18071	0.40	ng	0.00
34) Perylene-d12	24.37	264	14692	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.93	112	3494	0.34	ng	0.00
5) Phenol-d6	7.58	99	4299	0.33	ng	0.00
8) Nitrobenzene-d5	9.63	82	3589	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	10365	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	952	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	15917	0.36	ng	0.00
25) Fluoranthene-d10	19.77	212	21197	0.34	ng	0.00
29) Terphenyl-d14	20.34	244	12308	0.39	ng	0.00

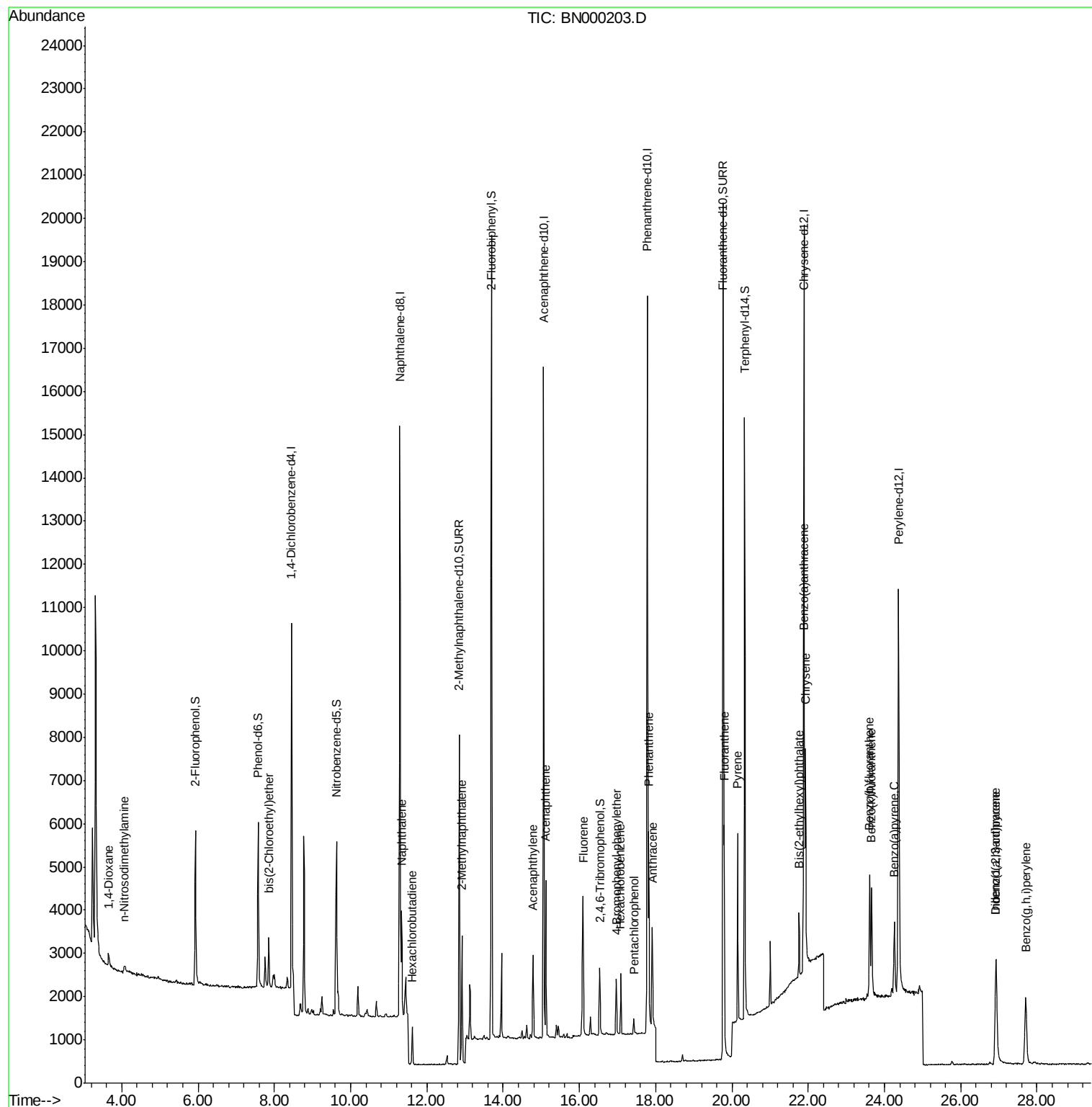
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	294	0.059	ng	# 80
3) n-Nitrosodimethylamine	4.06	42	105	0.124	ng	# 77
6) bis(2-Chloroethyl)ether	7.85	93	949	0.058	ng	99
9) Naphthalene	11.34	128	3280	0.060	ng	# 91
10) Hexachlorobutadiene	11.62	225	538	0.058	ng	99
12) 2-Methylnaphthalene	12.92	142	2056	0.058	ng	98
16) Acenaphthylene	14.78	152	2221	0.050	ng	99
17) Acenaphthene	15.13	154	1965	0.056	ng	95
18) Fluorene	16.10	166	2418	0.056	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	672	0.050	ng	# 79
21) Hexachlorobenzene	17.09	284	957	0.054	ng	94
22) Pentachlorophenol	17.43	266	214	0.133	ng	# 83
23) Phenanthrene	17.82	178	4511	0.055	ng	96
24) Anthracene	17.91	178	2963	0.048	ng	96
26) Fluoranthene	19.80	202	4486	0.053	ng	# 96
28) Pyrene	20.15	202	4433	0.062	ng	99
30) Benzo(a)anthracene	21.88	228	3171	0.056	ng	97
31) Chrysene	21.93	228	3939	0.059	ng	97
32) Bis(2-ethylhexyl)phthalate	21.76	149	1534	0.072	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.92	276	3259	0.052	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	3921	0.058	ng	# 82
36) Benzo(k)fluoranthene	23.66	252	3481	0.053	ng	# 58
37) Benzo(a)pyrene	24.26	252	2765	0.051	ng	# 47
38) Dibenzo(a,h)anthracene	26.93	278	2411	0.050	ng	# 69
39) Benzo(g,h,i)perylene	27.70	276	3314	0.058	ng	# 77

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

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
Data File : BN000203.D
Acq On : 28 Feb 2018 13:00
Operator : JU/SJ
Sample : MDL-S-05
Misc : 0.07PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-S-05

Quant Time: Feb 28 17:01:29 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.45 min Scan# 634

Delta R.T. -0.01 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

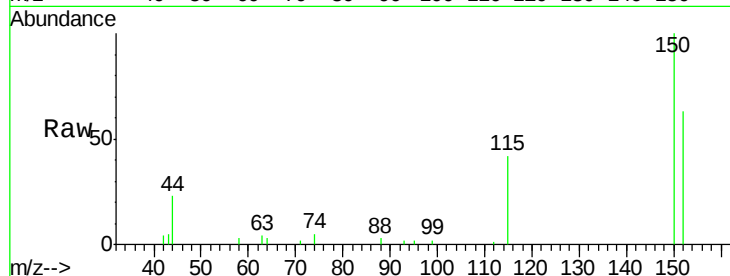
Tgt Ion:152 Resp: 4822

Ion Ratio Lower Upper

152 100

150 158.2 117.2 175.8

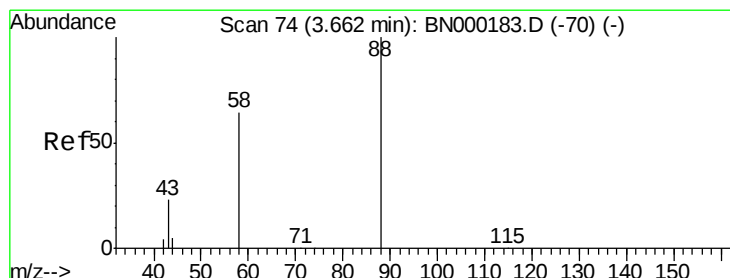
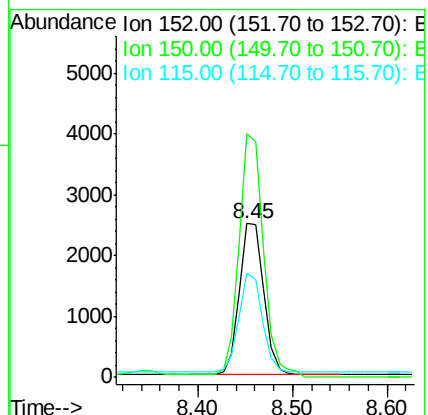
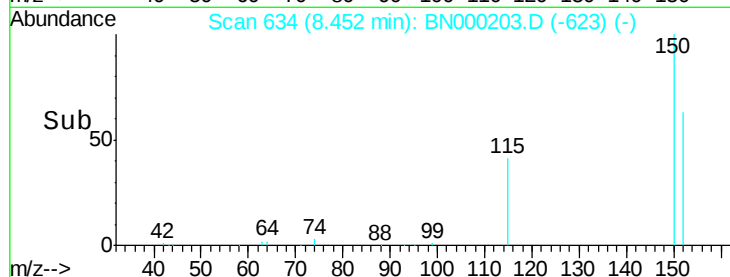
115 67.2 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.059 ng

RT: 3.66 min Scan# 74

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

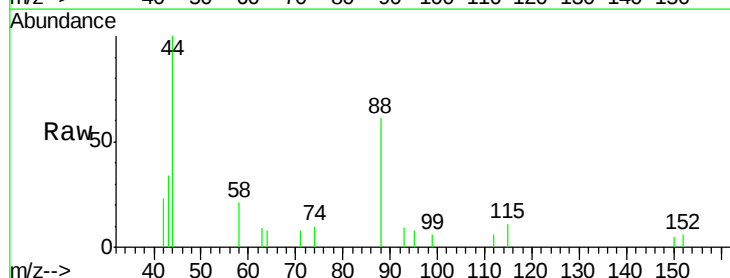
Tgt Ion: 88 Resp: 294

Ion Ratio Lower Upper

88 100

58 81.3 48.0 72.0#

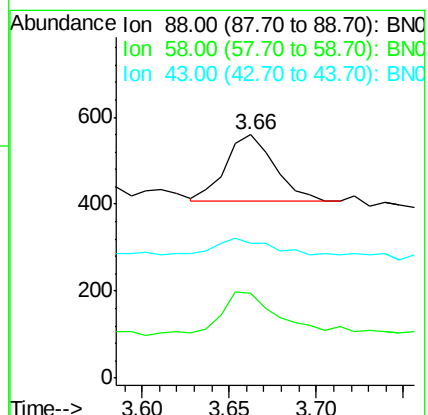
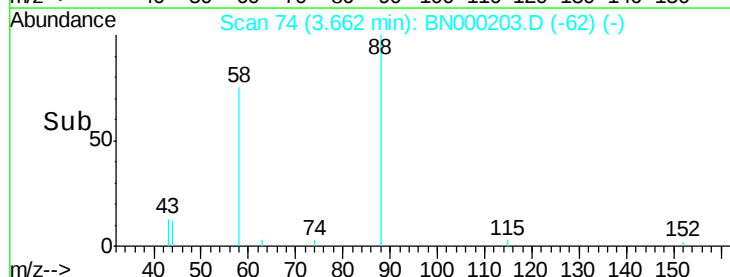
43 24.8 20.0 30.0

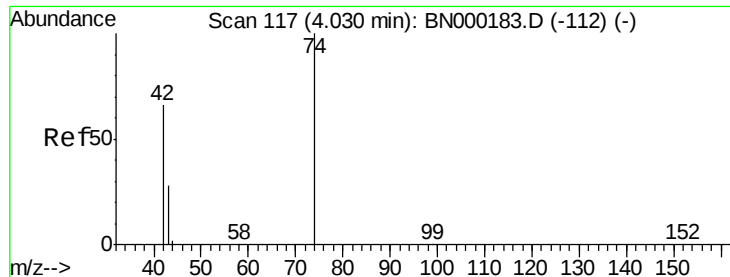


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



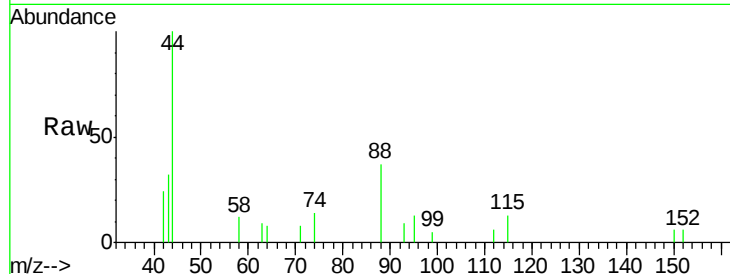


#3

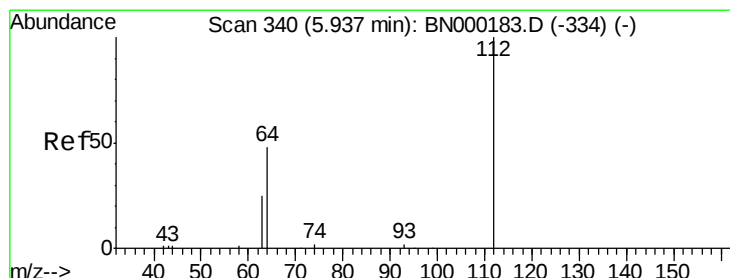
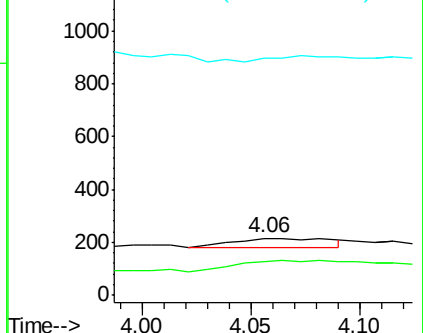
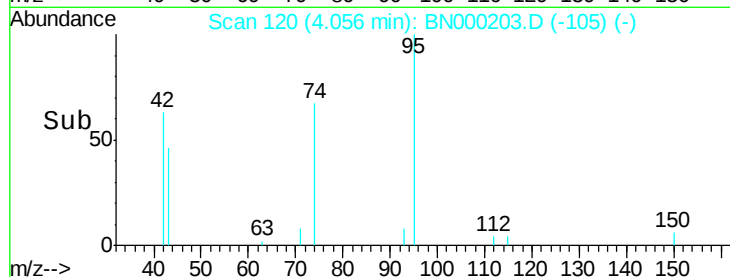
n-Nitrosodimethylamine
 Concen: 0.124 ng
 RT: 4.06 min Scan# 120
 Delta R.T. 0.03 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Tgt Ion: 42 Resp: 105
 Ion Ratio Lower Upper
 42 100
 74 123.8 120.0 180.0
 44 32.4 4.0 6.0#



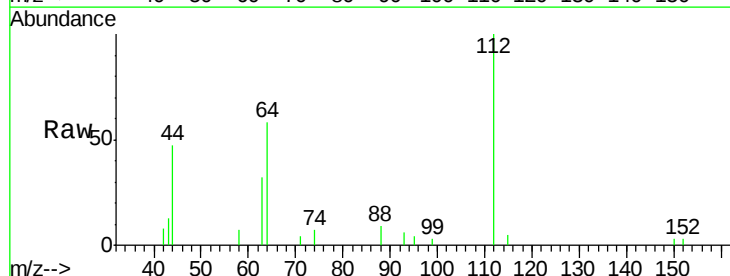
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



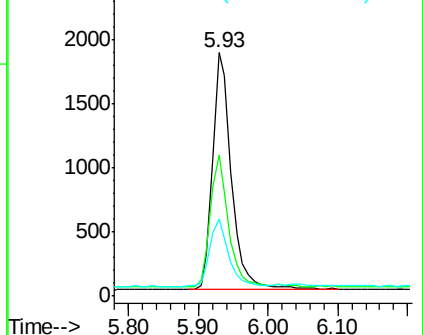
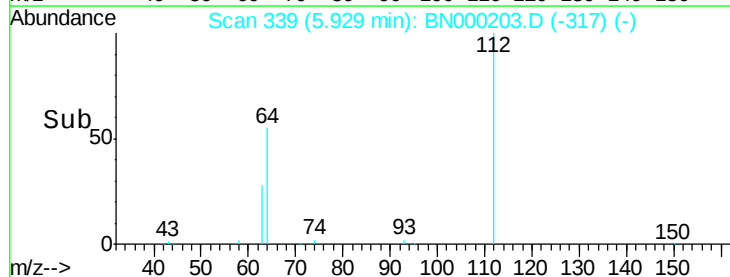
#4

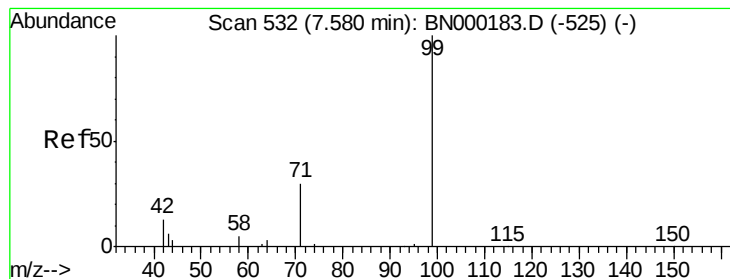
2-Fluorophenol
 Concen: 0.343 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Tgt Ion: 112 Resp: 3494
 Ion Ratio Lower Upper
 112 100
 64 53.9 60.1 90.1#
 63 28.0 116.8 175.2#



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





#5

Phenol-d6

Concen: 0.332 ng

RT: 7.58 min Scan# 532

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

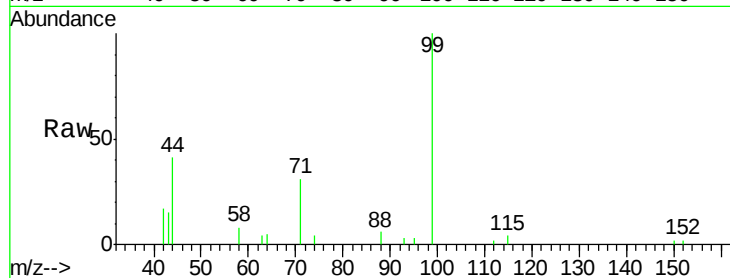
Tgt Ion: 99 Resp: 4299

Ion Ratio Lower Upper

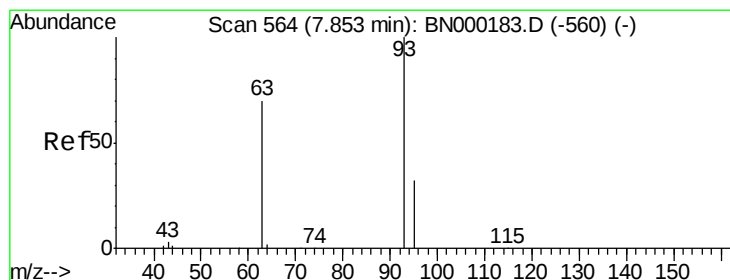
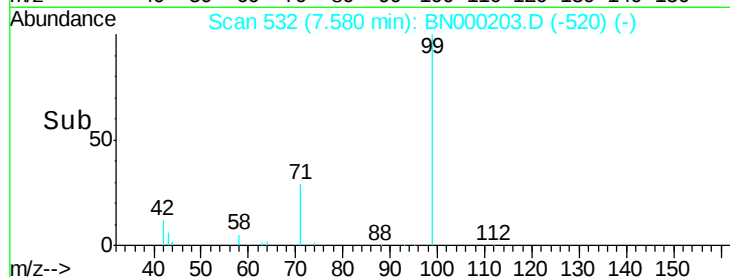
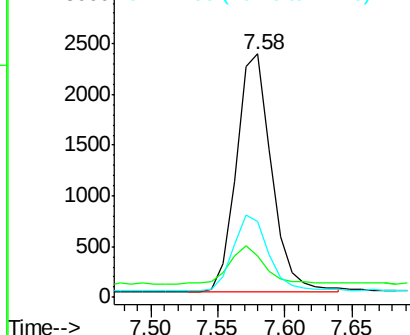
99 100

42 15.7 20.2 30.2#

71 32.0 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: 0.058 ng

RT: 7.85 min Scan# 564

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

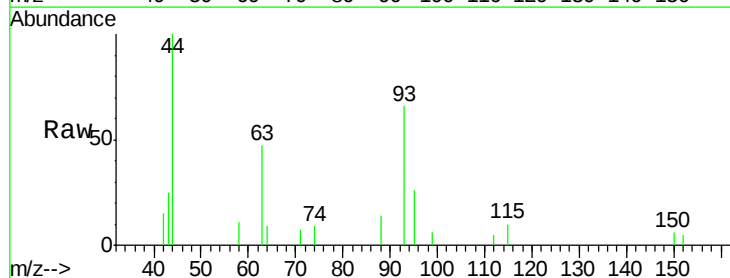
Tgt Ion: 93 Resp: 949

Ion Ratio Lower Upper

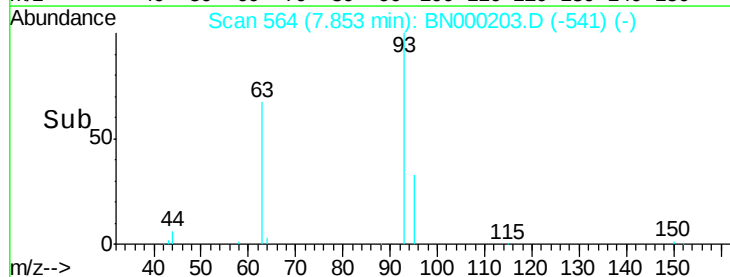
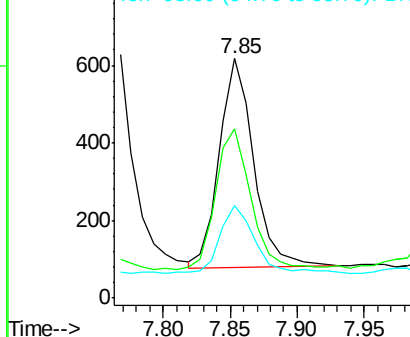
93 100

63 69.9 56.0 84.0

95 33.9 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: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

Tgt Ion:136 Resp: 18556

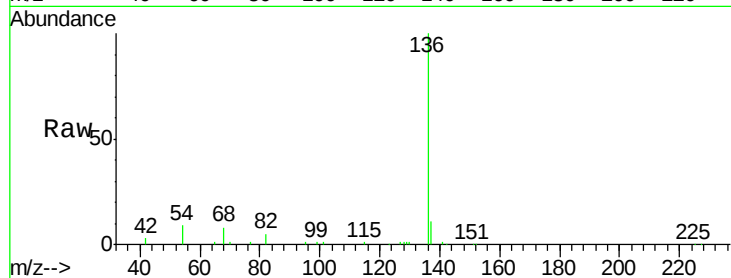
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 8.5 29.1 43.7#

68 7.6 6.2 9.2

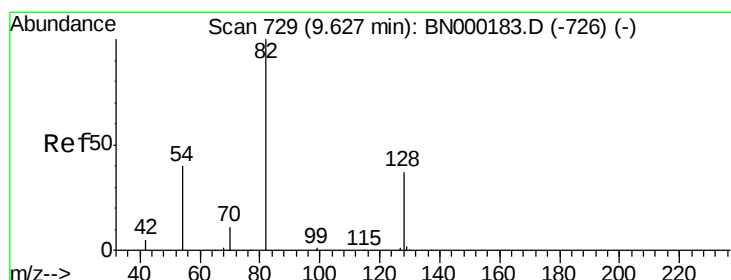
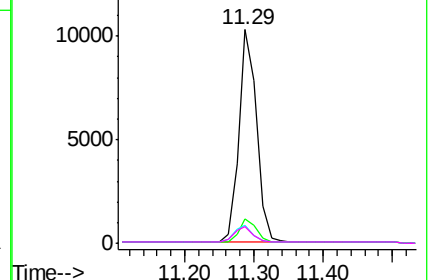
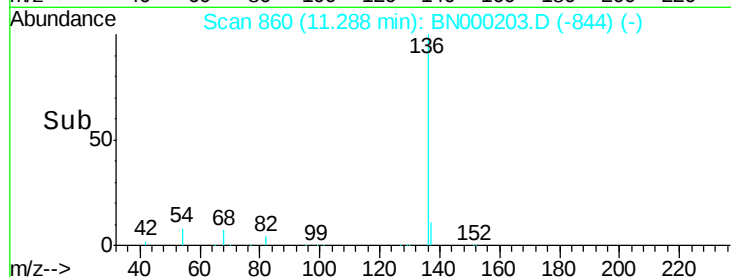


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.326 ng

RT: 9.63 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

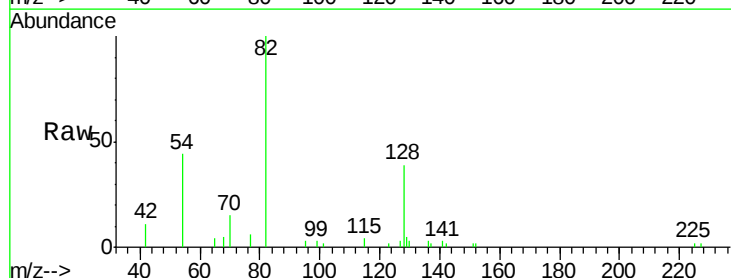
Tgt Ion: 82 Resp: 3589

Ion Ratio Lower Upper

82 100

128 38.6 150.0 225.0#

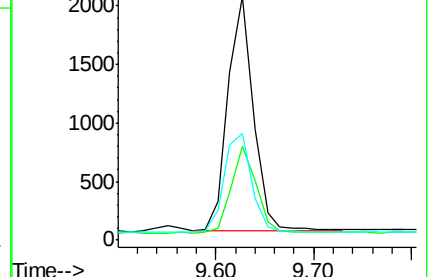
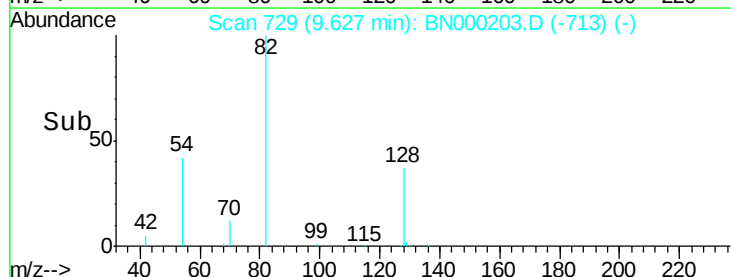
54 43.8 154.2 231.4#

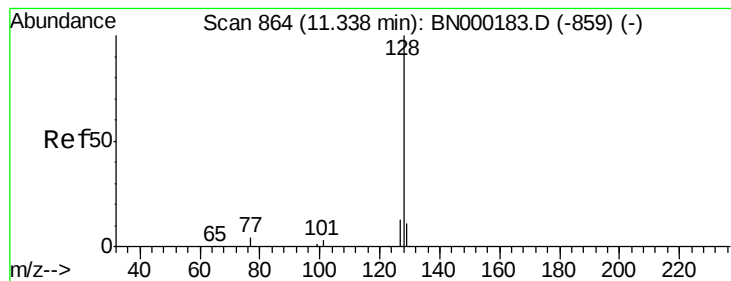


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.060 ng

RT: 11.34 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

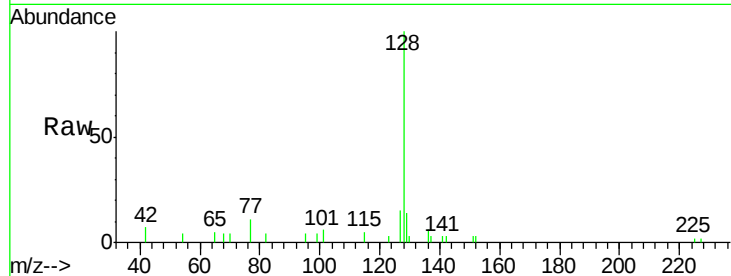
Tgt Ion:128 Resp: 3280

Ion Ratio Lower Upper

128 100

129 13.7 8.0 12.0#

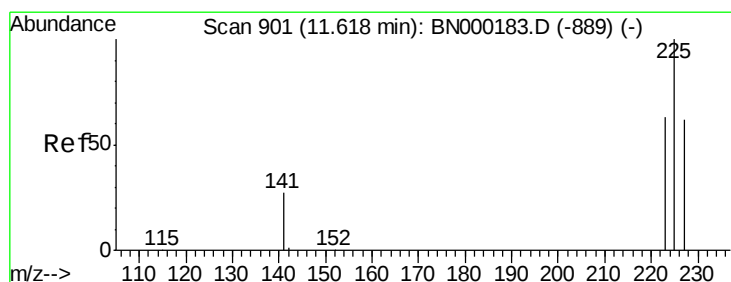
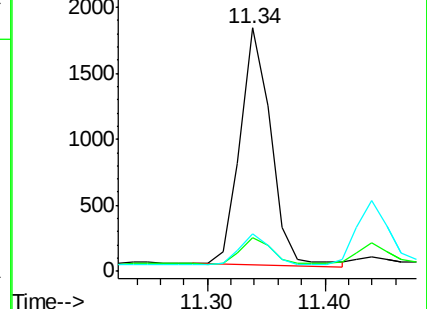
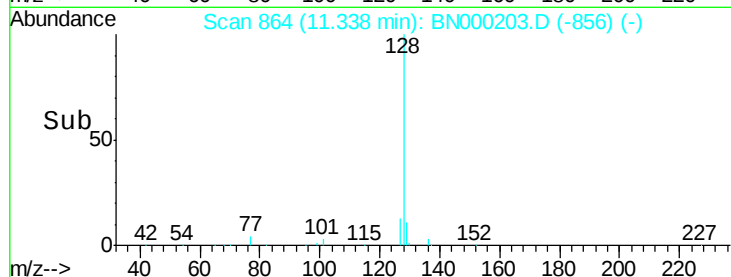
127 15.3 9.6 14.4#



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: 0.058 ng

RT: 11.62 min Scan# 901

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

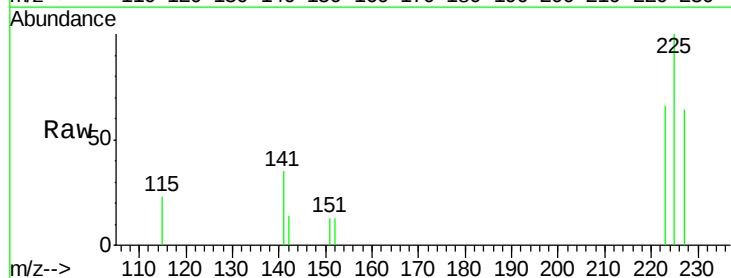
Tgt Ion:225 Resp: 538

Ion Ratio Lower Upper

225 100

223 65.4 53.0 79.6

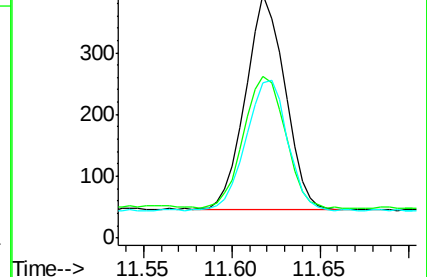
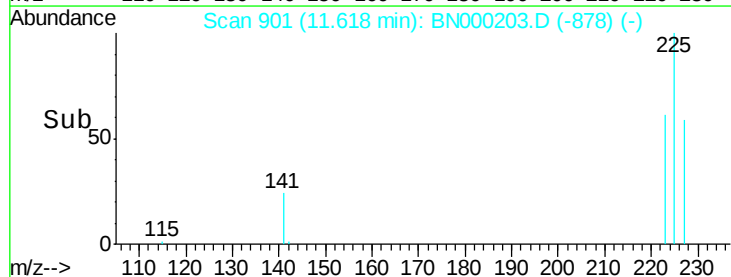
227 63.6 51.4 77.2

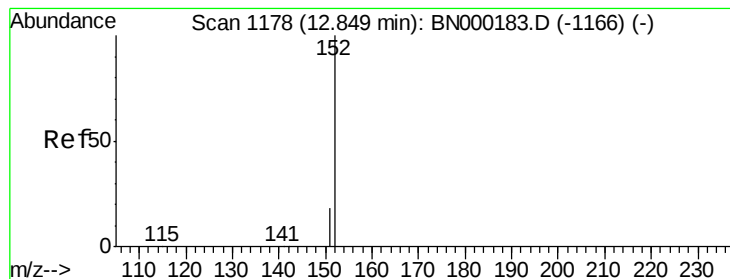


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.85 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

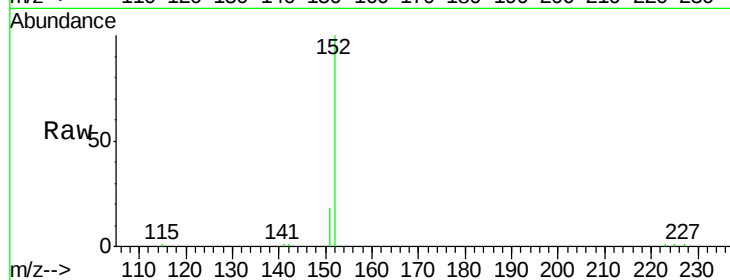
MDL-S-05

Tgt Ion:152 Resp: 10365

Ion Ratio Lower Upper

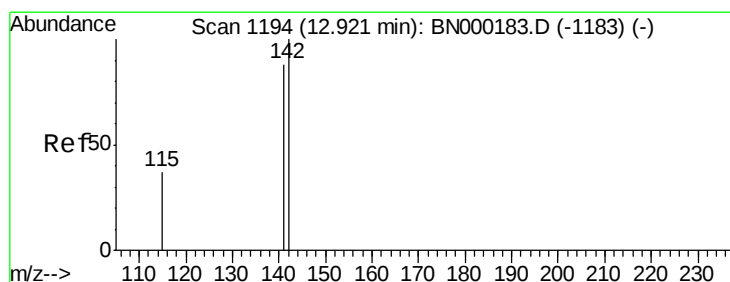
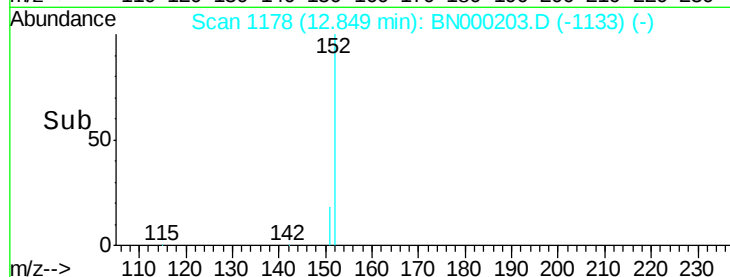
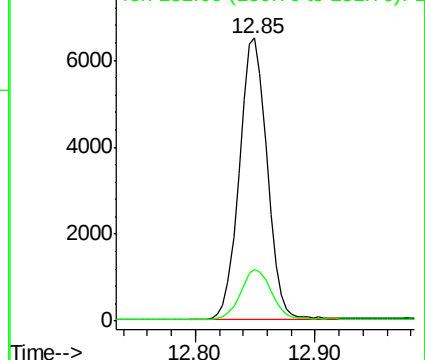
152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.058 ng

RT: 12.92 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

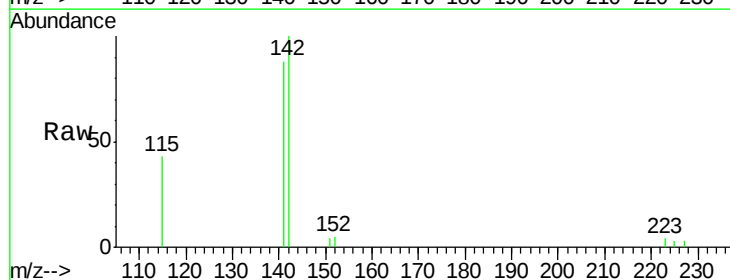
Tgt Ion:142 Resp: 2056

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

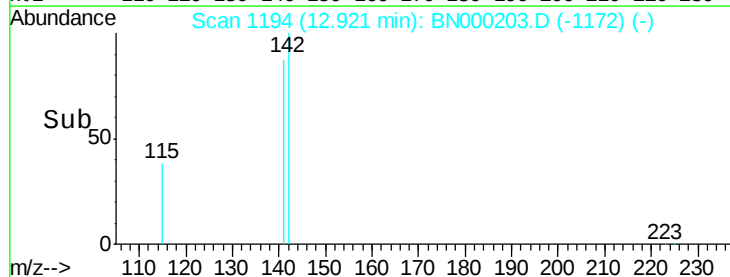
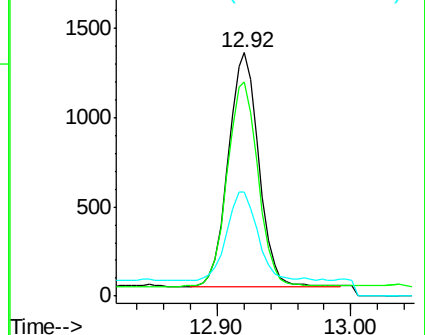
115 42.8 31.7 47.5

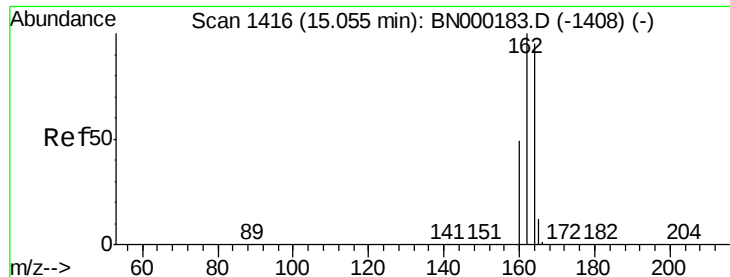


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

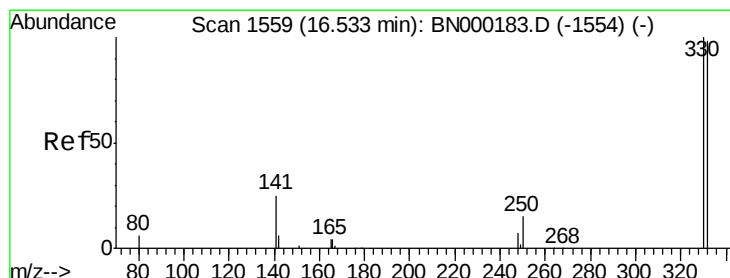
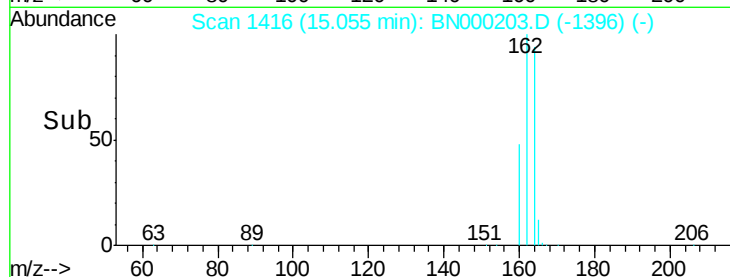
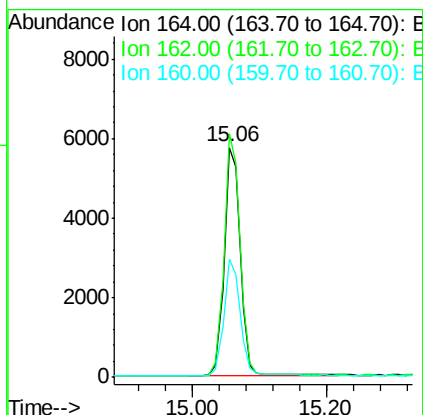
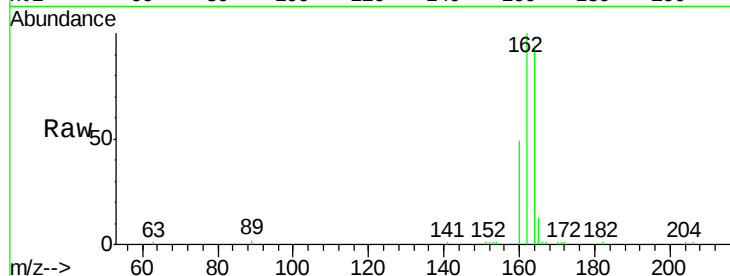




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

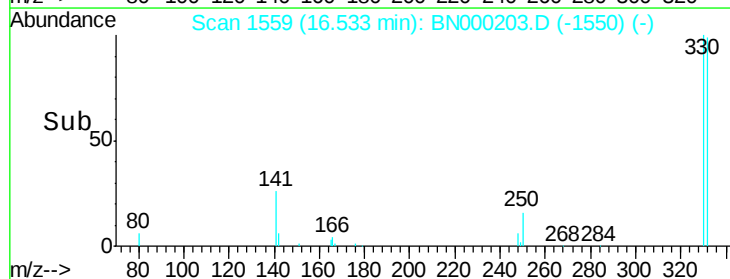
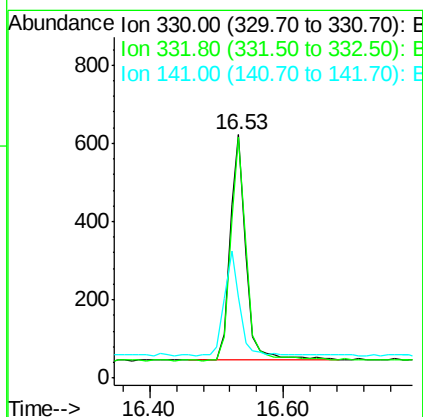
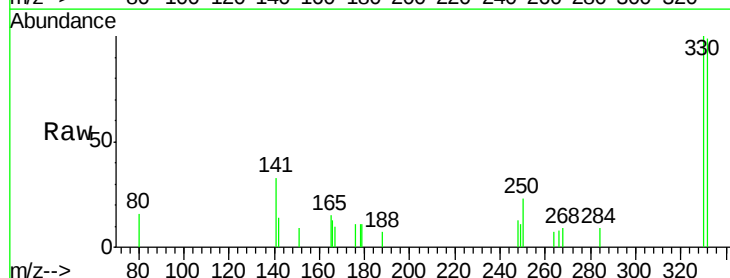
Instrument :
BNA_N
ClientSampleId :
MDL-S-05

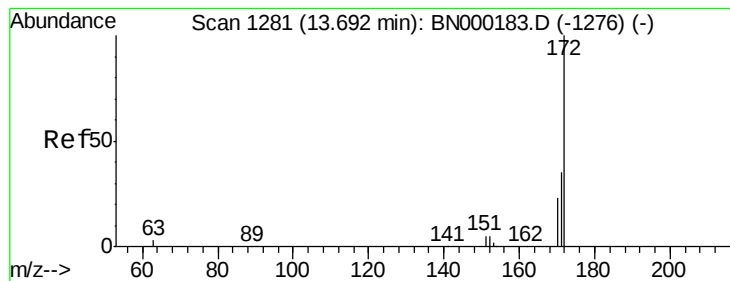
Tgt Ion:164 Resp: 9386
Ion Ratio Lower Upper
164 100
162 106.0 83.1 124.7
160 51.5 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 16.53 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BN000203.D
Acq: 28 Feb 2018 13:00

Tgt Ion:330 Resp: 952
Ion Ratio Lower Upper
330 100
332 97.7 152.7 229.1#
141 46.3 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.358 ng

RT: 13.69 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

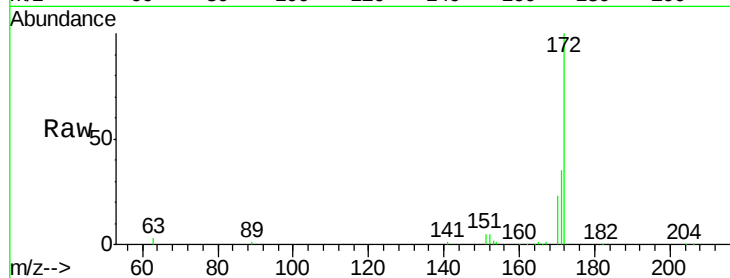
Tgt Ion:172 Resp: 15917

Ion Ratio Lower Upper

172 100

171 34.9 29.9 44.9

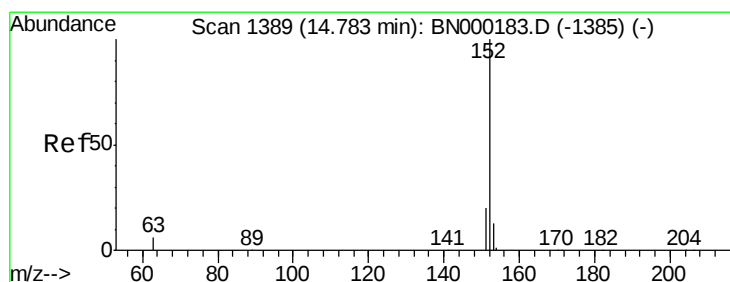
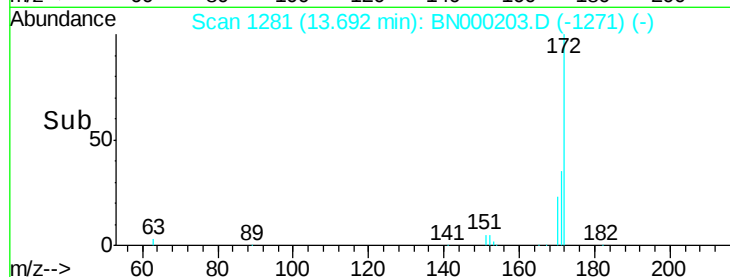
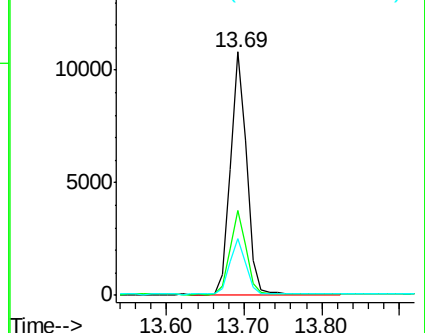
170 23.5 21.8 32.8



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: BN000203.D

Acq: 28 Feb 2018 13:00

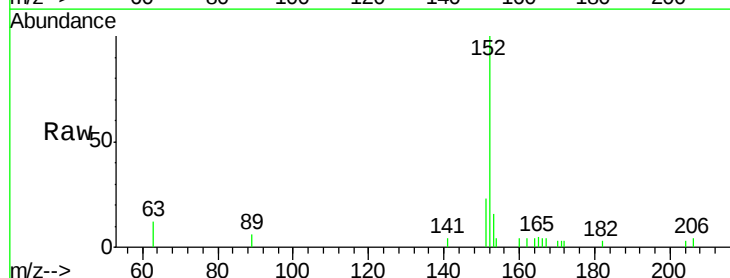
Tgt Ion:152 Resp: 2221

Ion Ratio Lower Upper

152 100

151 20.4 15.7 23.5

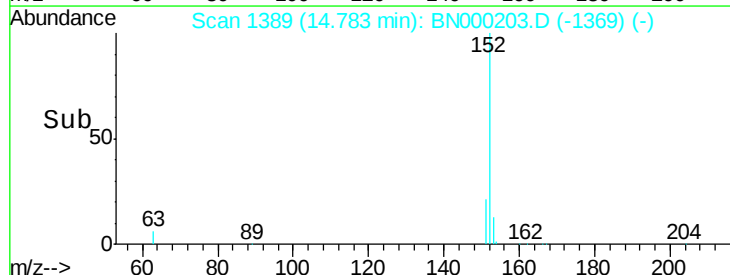
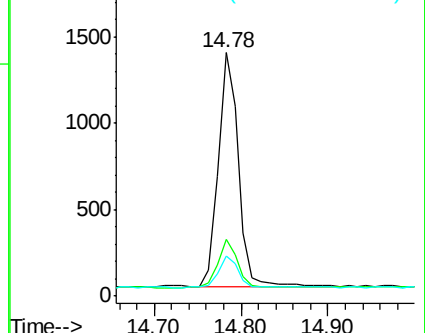
153 13.3 10.5 15.7

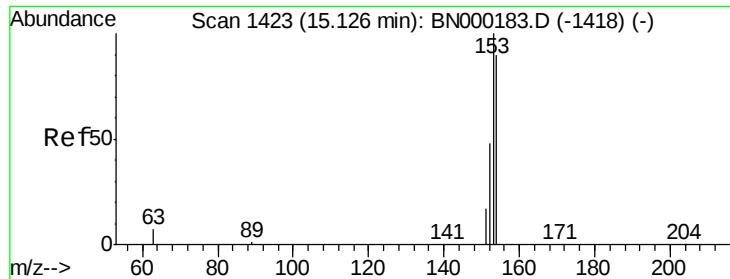


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.056 ng

RT: 15.13 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

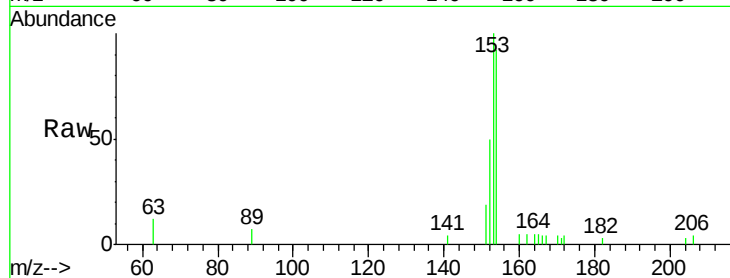
Tgt Ion:154 Resp: 1965

Ion Ratio Lower Upper

154 100

153 114.4 89.2 133.8

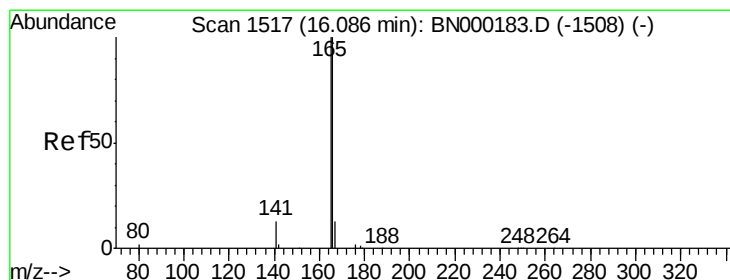
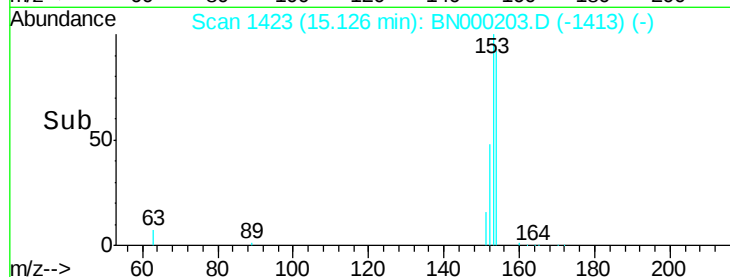
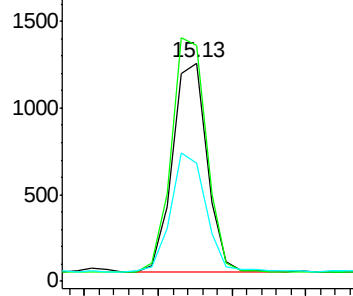
152 59.0 42.0 63.0



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: 16.10 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

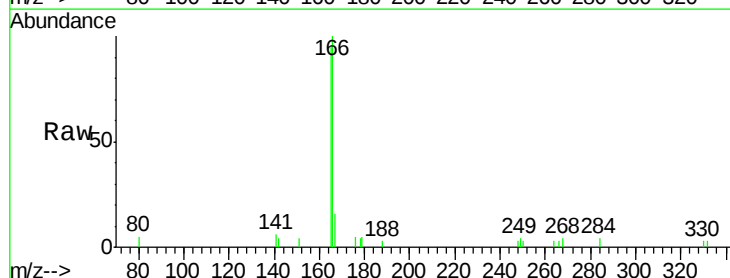
Tgt Ion:166 Resp: 2418

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.6

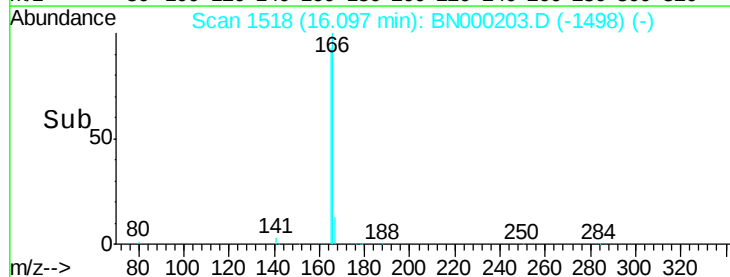
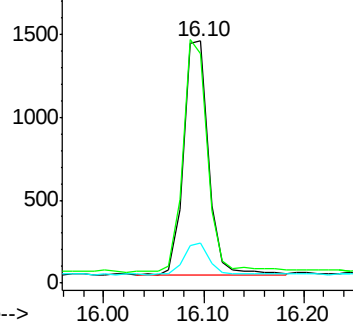
167 14.3 42.4 63.6#

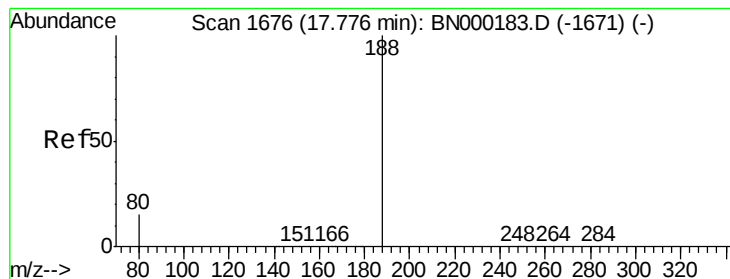


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

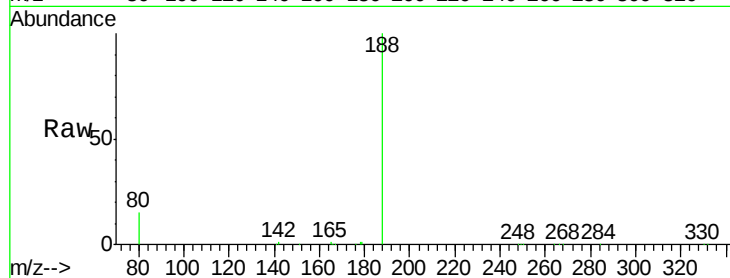
Tgt Ion:188 Resp: 23110

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

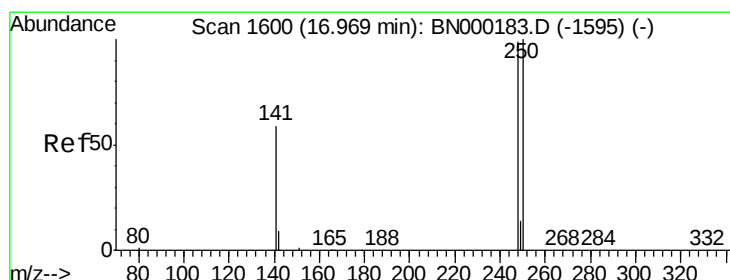
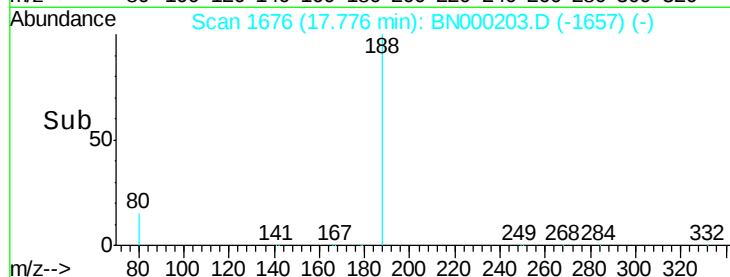
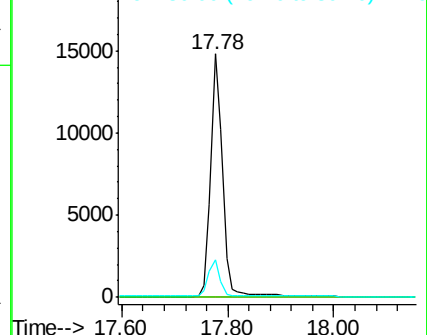
80 15.4 3.6 5.4#



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: 0.050 ng

RT: 16.97 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

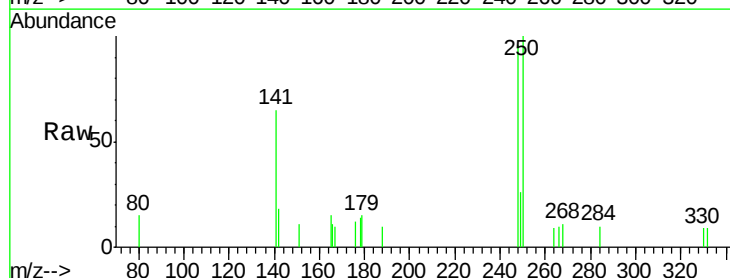
Tgt Ion:248 Resp: 672

Ion Ratio Lower Upper

248 100

250 103.9 62.7 94.1#

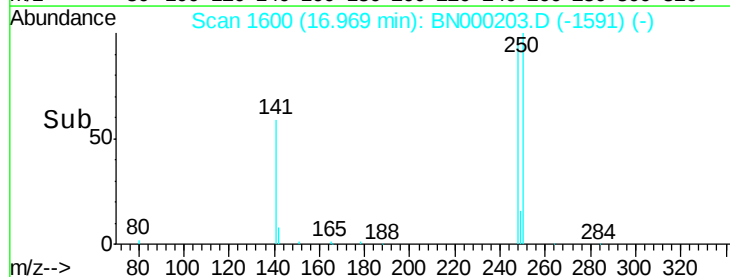
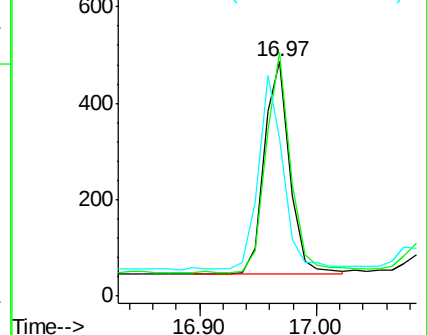
141 67.5 48.2 72.2

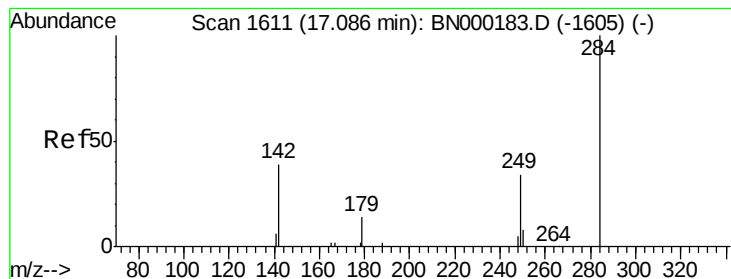


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.054 ng

RT: 17.09 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

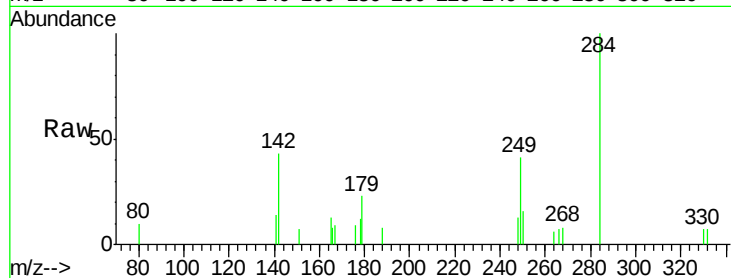
Tgt Ion:284 Resp: 957

Ion Ratio Lower Upper

284 100

142 43.8 32.0 48.0

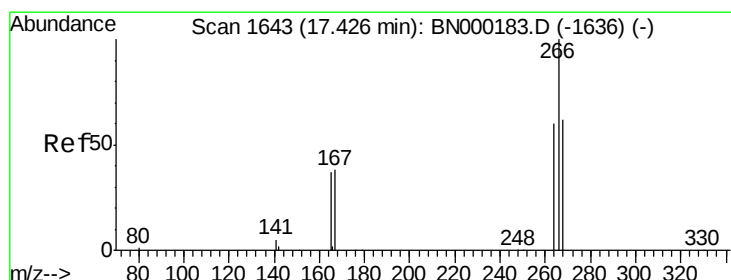
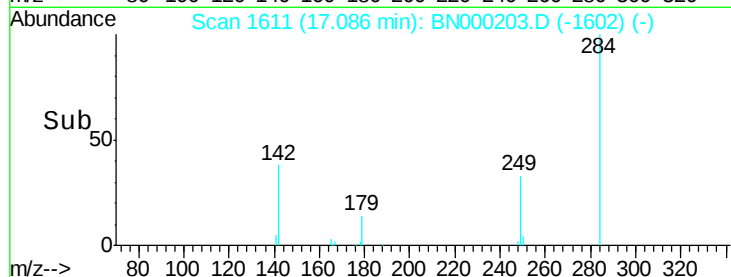
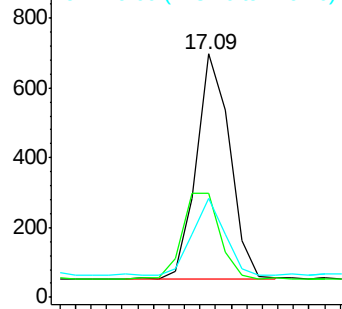
249 32.6 24.0 36.0



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: 0.133 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

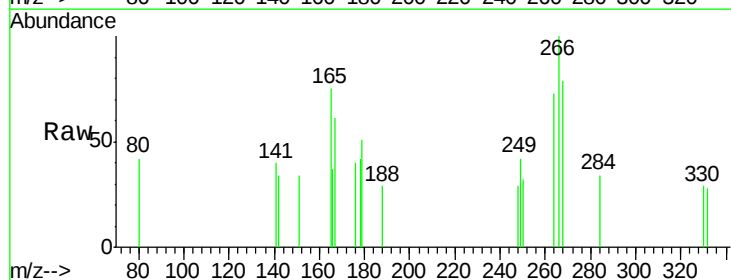
Tgt Ion:266 Resp: 214

Ion Ratio Lower Upper

266 100

264 72.7 48.0 72.0#

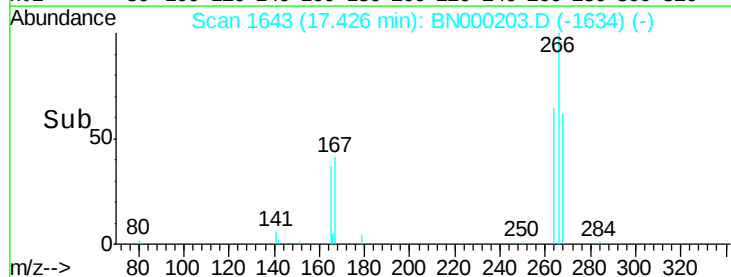
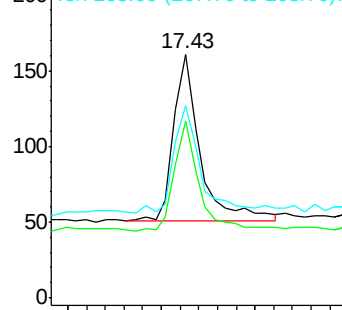
268 78.9 52.0 78.0#

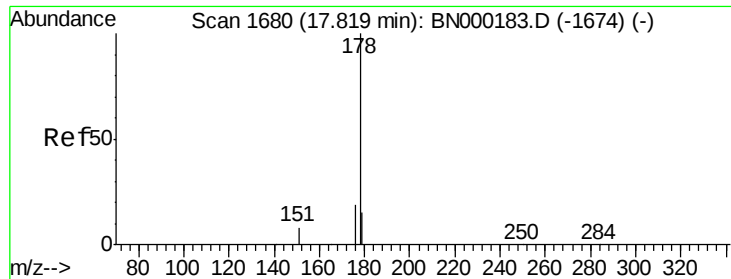


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

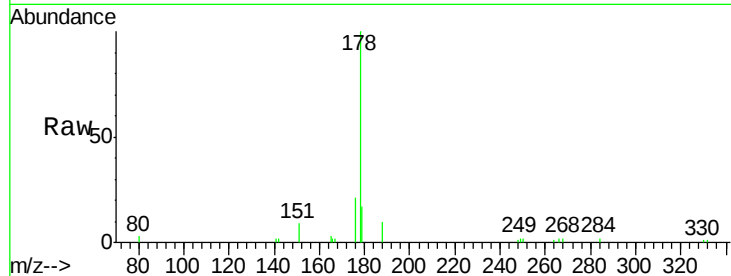
Tgt Ion:178 Resp: 4511

Ion Ratio Lower Upper

178 100

176 20.4 15.1 22.7

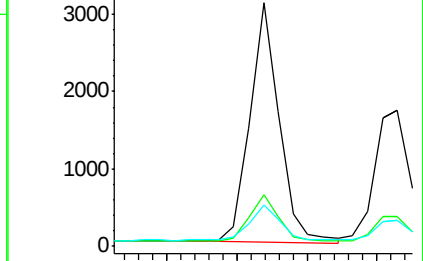
179 16.8 11.8 17.6



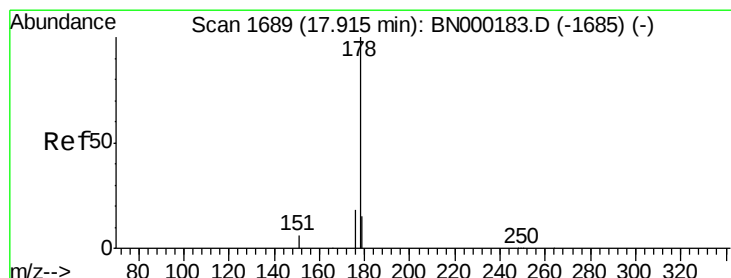
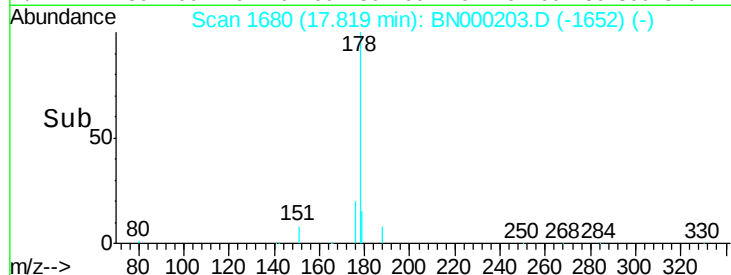
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.048 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

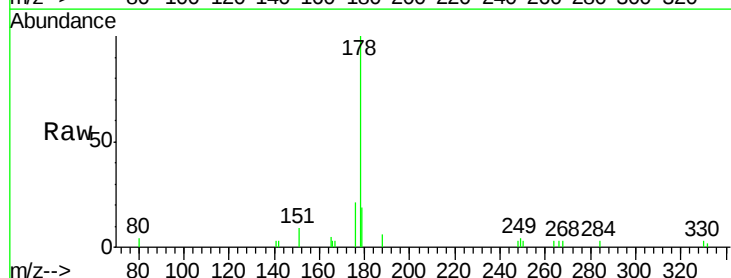
Tgt Ion:178 Resp: 2963

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

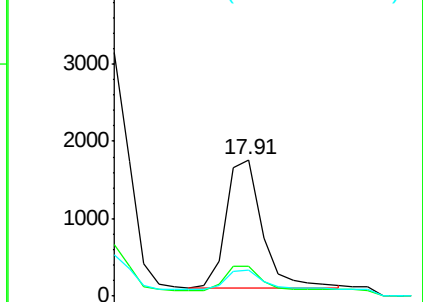
179 15.5 13.0 19.6



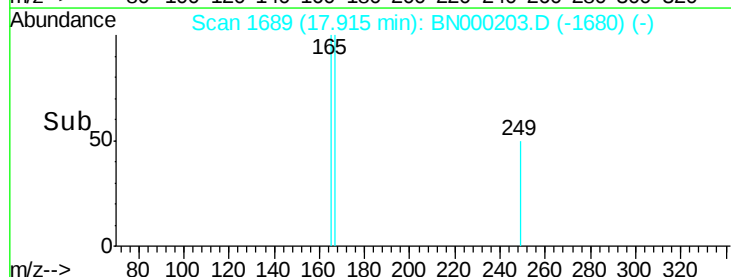
Abundance Ion 178.00 (177.70 to 178.70): E

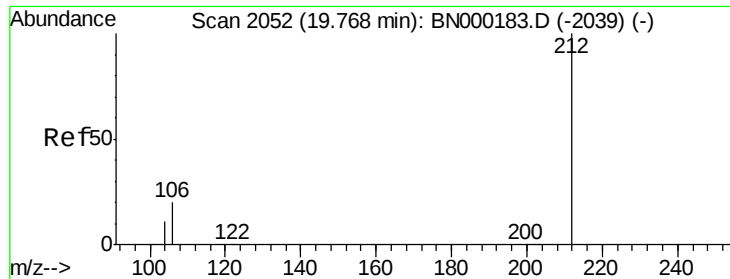
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.77 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

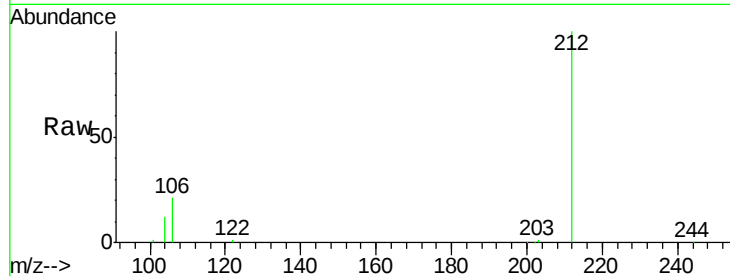
Tgt Ion:212 Resp: 21197

Ion Ratio Lower Upper

212 100

106 19.5 2.8 4.2#

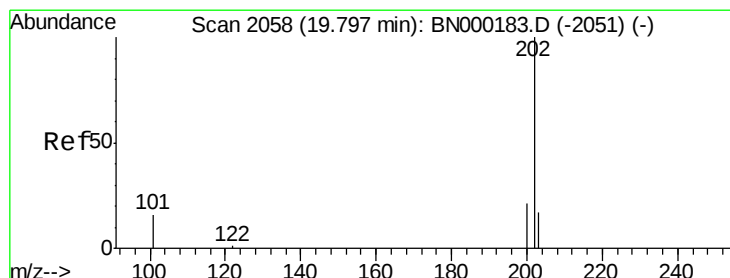
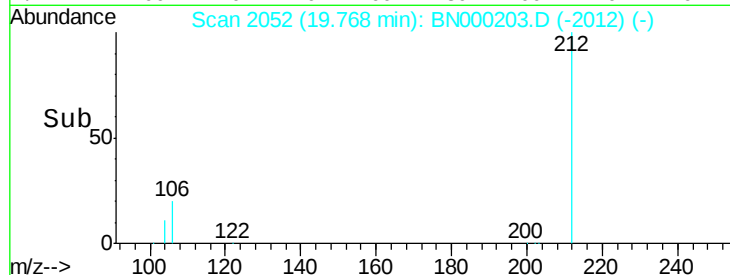
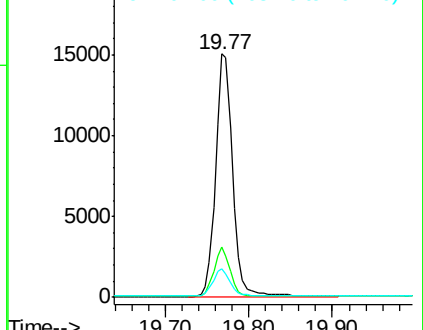
104 11.1 1.6 2.4#



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: 0.053 ng

RT: 19.80 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

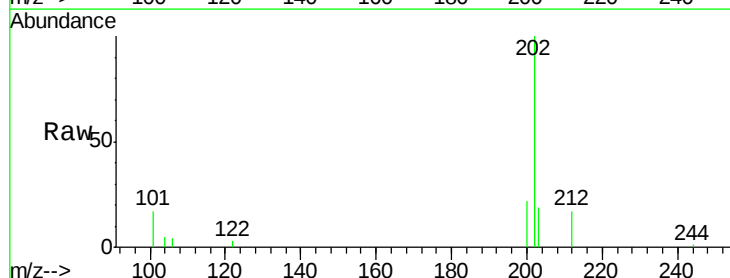
Tgt Ion:202 Resp: 4486

Ion Ratio Lower Upper

202 100

101 16.4 9.8 14.8#

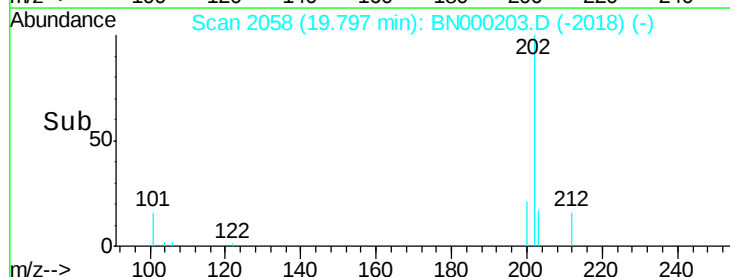
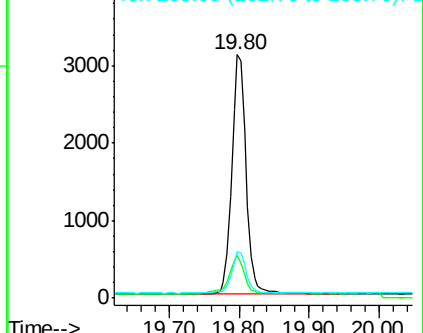
203 17.2 13.7 20.5

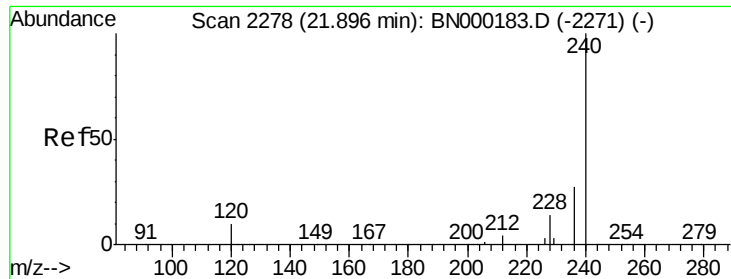


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

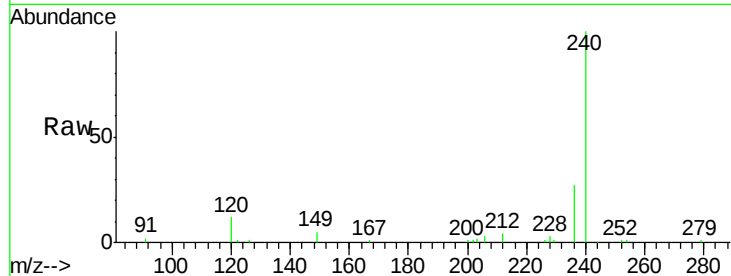




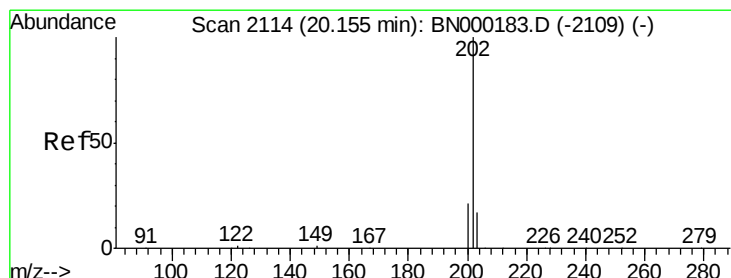
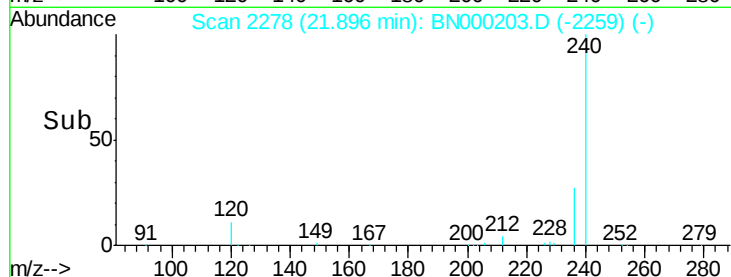
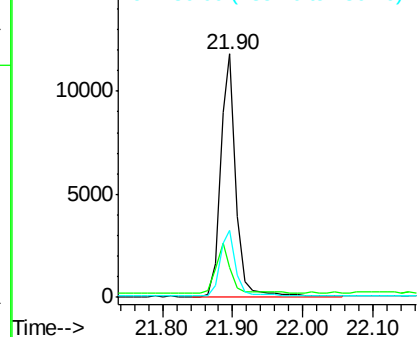
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.90 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Tgt Ion:240 Resp: 18071
 Ion Ratio Lower Upper
 240 100
 120 12.2 5.5 8.3#
 236 27.3 20.7 31.1

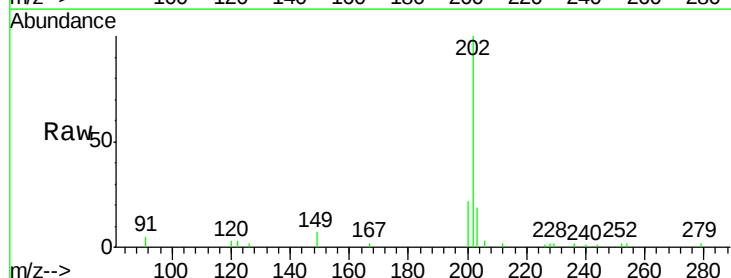


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

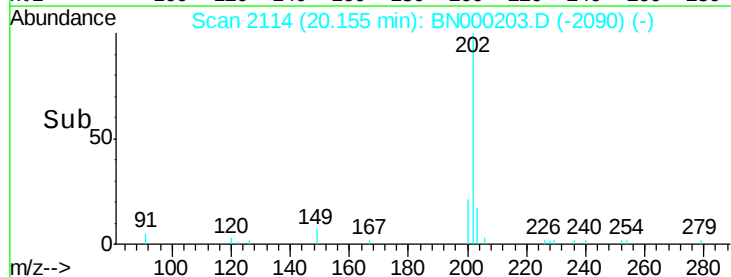
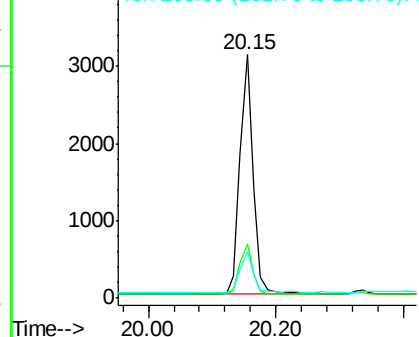


#28
 Pyrene
 Concen: 0.062 ng
 RT: 20.15 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Tgt Ion:202 Resp: 4433
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.6 25.0
 203 16.7 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: 0.388 ng

RT: 20.34 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

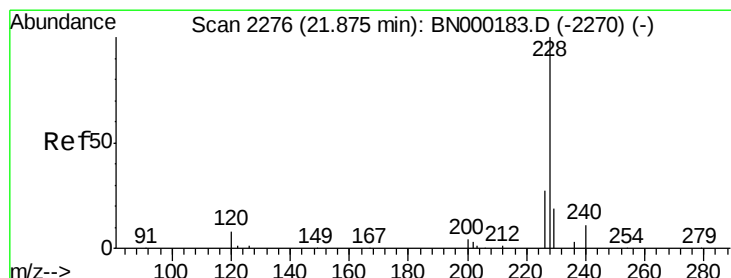
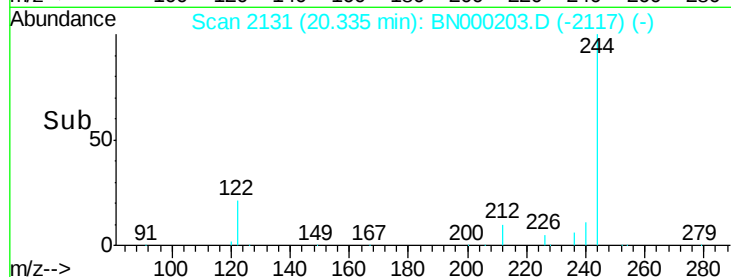
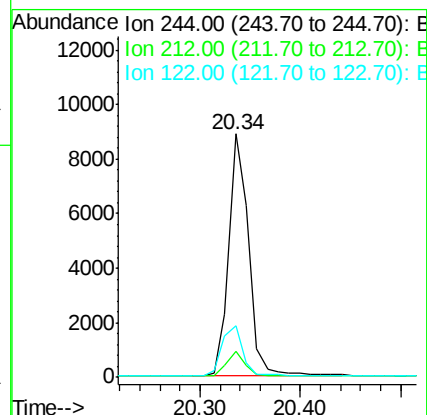
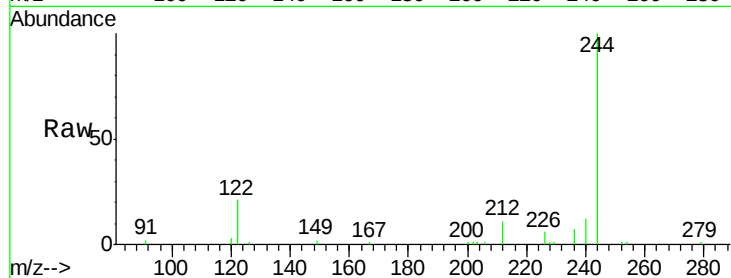
Tgt Ion:244 Resp: 12308

Ion Ratio Lower Upper

244 100

212 10.6 25.4 38.0#

122 21.3 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.056 ng

RT: 21.88 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

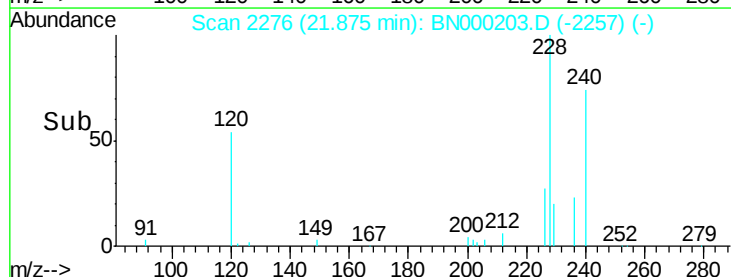
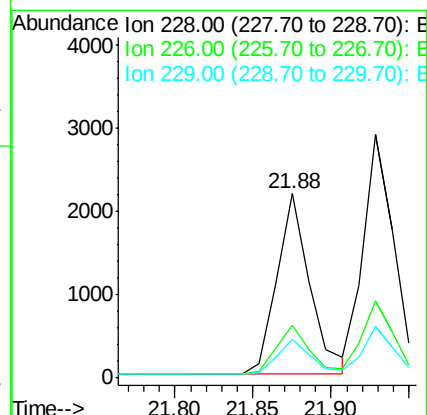
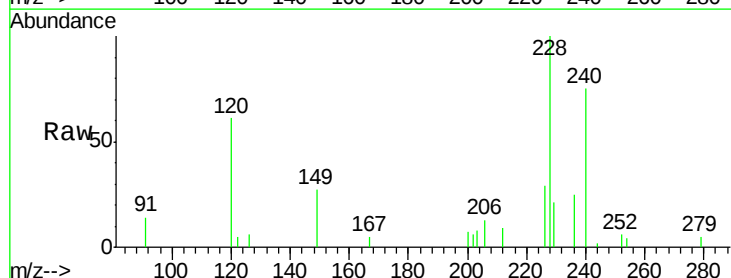
Tgt Ion:228 Resp: 3171

Ion Ratio Lower Upper

228 100

226 28.5 24.0 36.0

229 21.4 16.0 24.0





#31

Chrysene

Concen: 0.059 ng

RT: 21.93 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

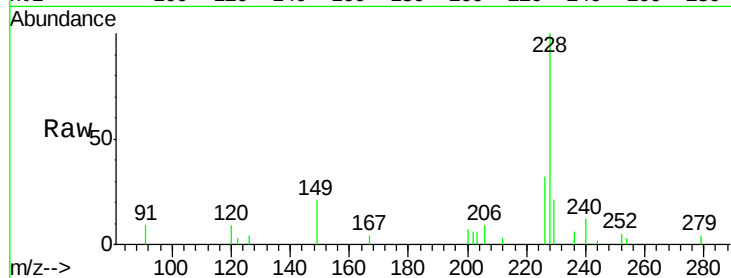
Tgt Ion:228 Resp: 3939

Ion Ratio Lower Upper

228 100

226 31.8 24.0 36.0

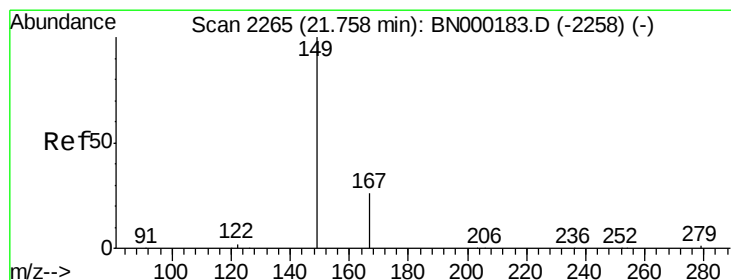
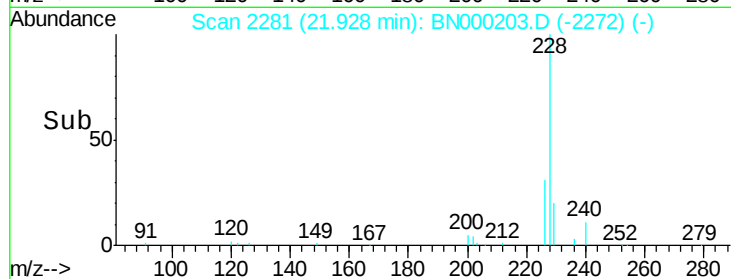
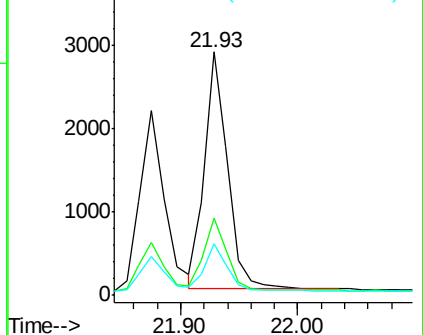
229 21.1 16.0 24.0



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: BN000203.D

Acq: 28 Feb 2018 13:00

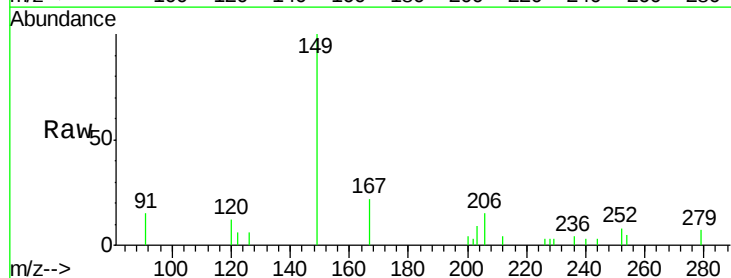
Tgt Ion:149 Resp: 1534

Ion Ratio Lower Upper

149 100

167 25.0 20.0 30.0

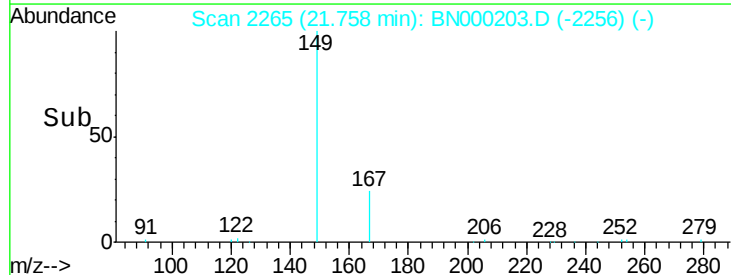
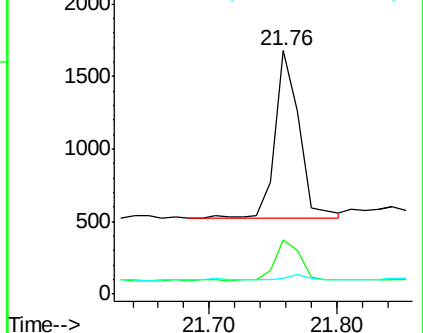
279 3.5 1.6 2.4#



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

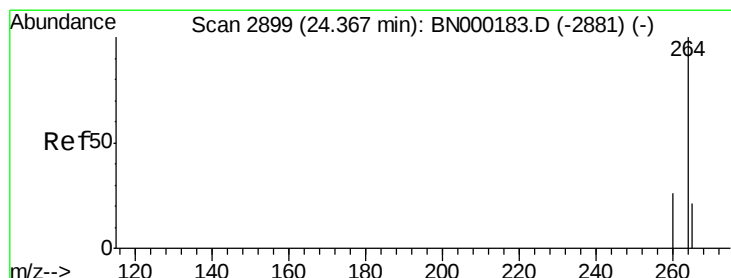
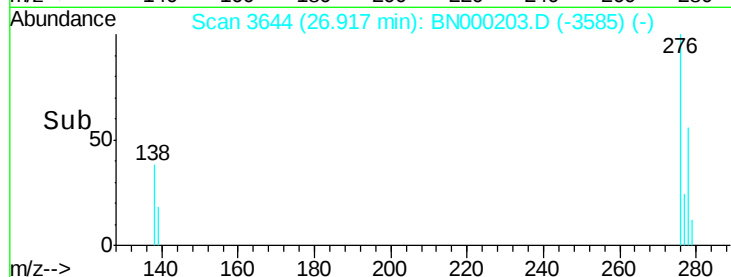
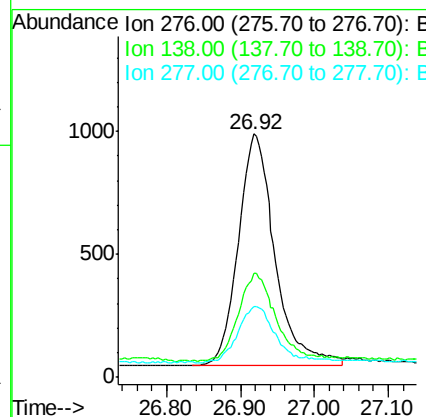
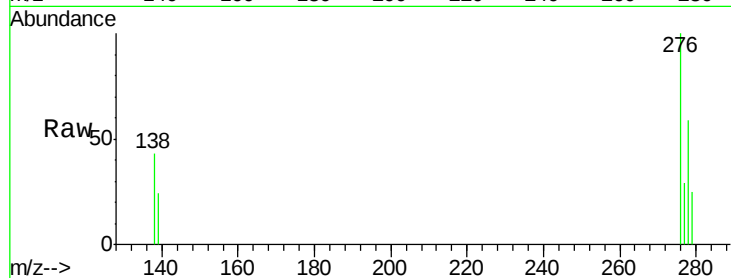




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.052 ng
 RT: 26.92 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

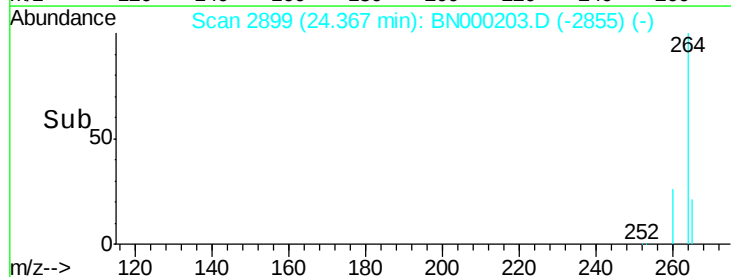
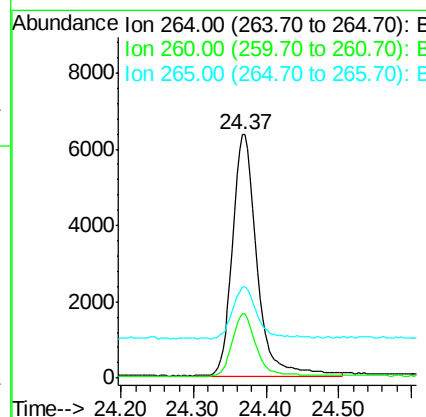
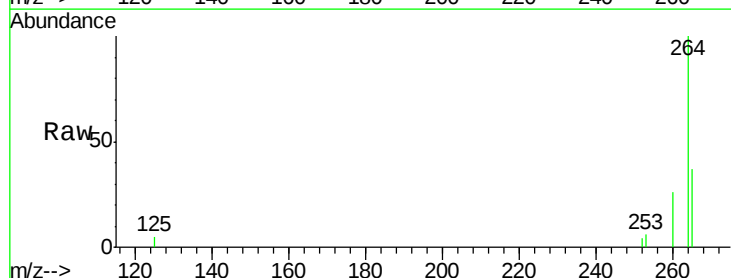
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-05

Tgt Ion:276 Resp: 3259
 Ion Ratio Lower Upper
 276 100
 138 38.7 22.5 33.7#
 277 25.5 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.37 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: BN000203.D
 Acq: 28 Feb 2018 13:00

Tgt Ion:264 Resp: 14692
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 37.4 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.058 ng

RT: 23.61 min Scan# 2678

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

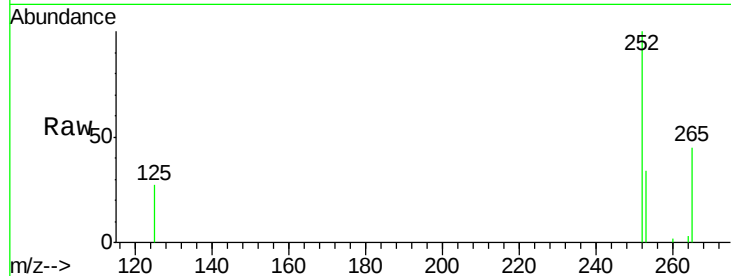
Tgt Ion:252 Resp: 3921

Ion Ratio Lower Upper

252 100

253 34.3 20.0 30.0#

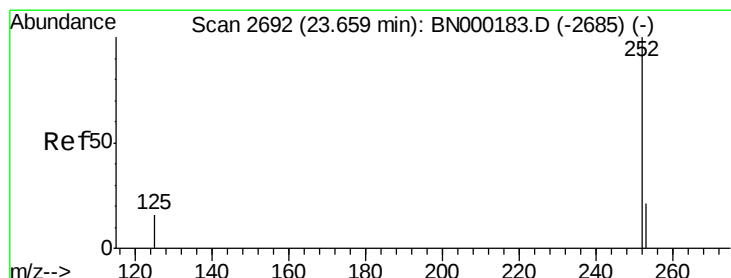
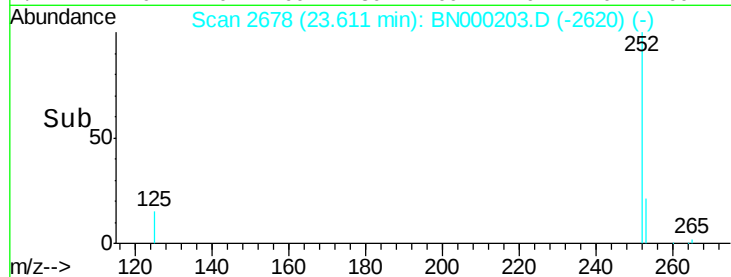
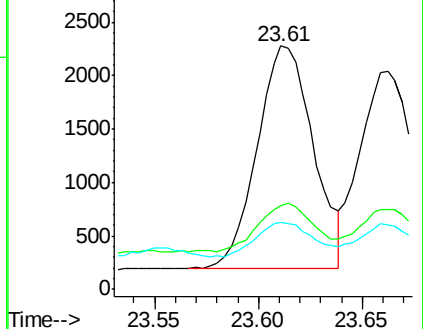
125 27.4 16.0 24.0#



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: 0.053 ng

RT: 23.66 min Scan# 2693

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

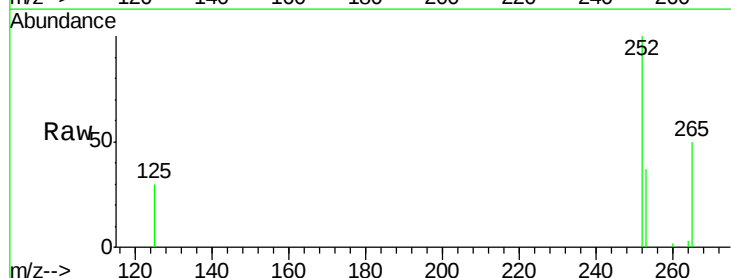
Tgt Ion:252 Resp: 3481

Ion Ratio Lower Upper

252 100

253 37.0 16.0 24.0#

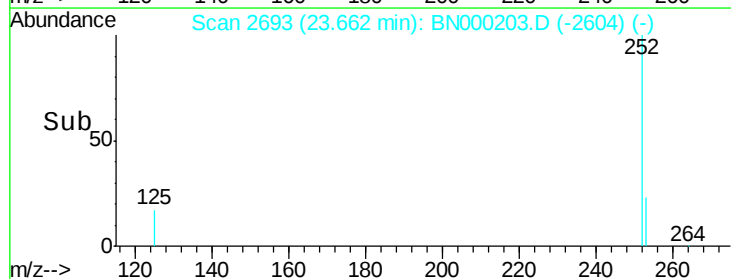
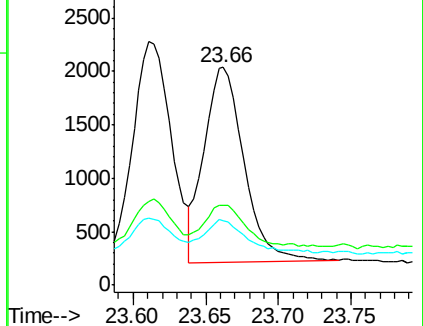
125 29.8 8.0 12.0#



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: 0.051 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05

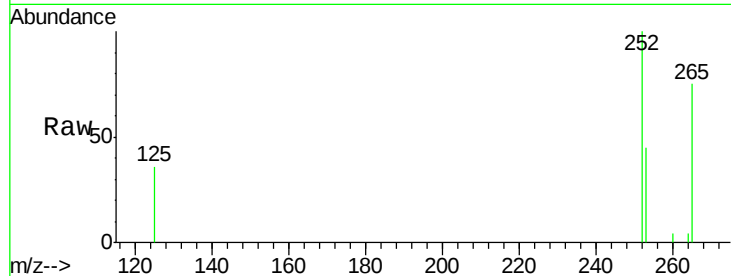
Tgt Ion:252 Resp: 2765

Ion Ratio Lower Upper

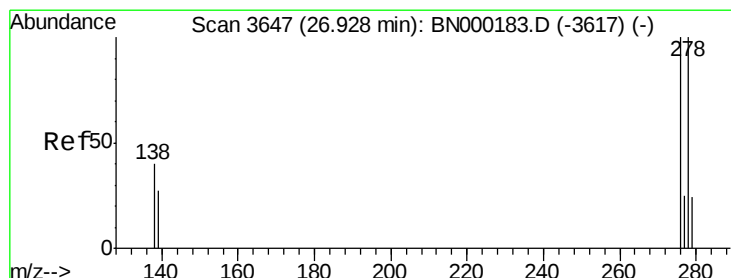
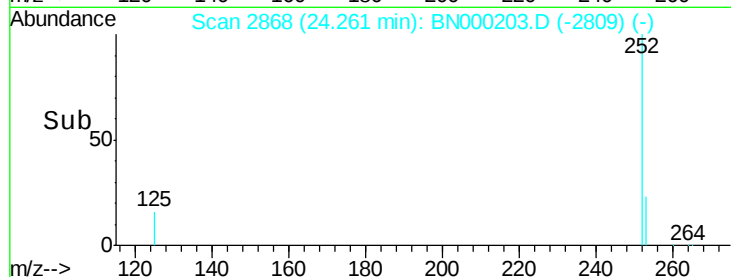
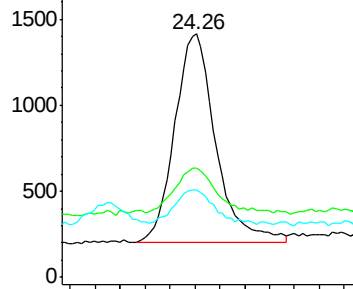
252 100

253 45.1 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# 3648

Delta R.T. 0.00 min

Lab File: BN000203.D

Acq: 28 Feb 2018 13:00

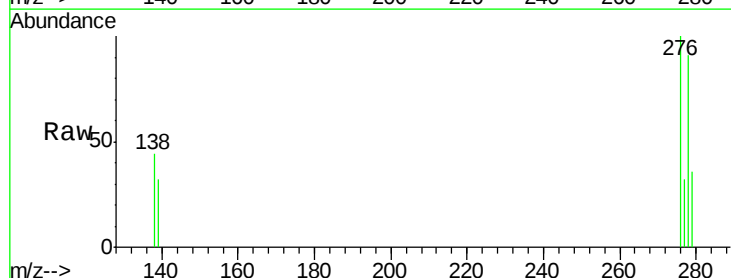
Tgt Ion:278 Resp: 2411

Ion Ratio Lower Upper

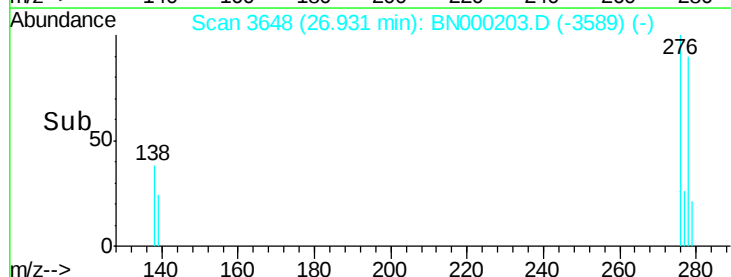
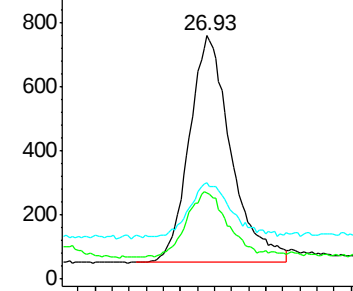
278 100

139 35.2 16.0 24.0#

279 39.4 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: BN000203.D

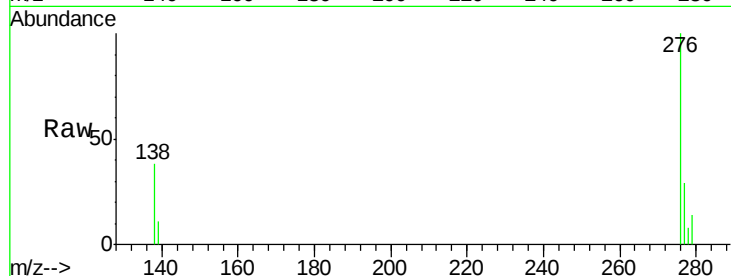
Acq: 28 Feb 2018 13:00

Instrument :

BNA_N

ClientSampleId :

MDL-S-05



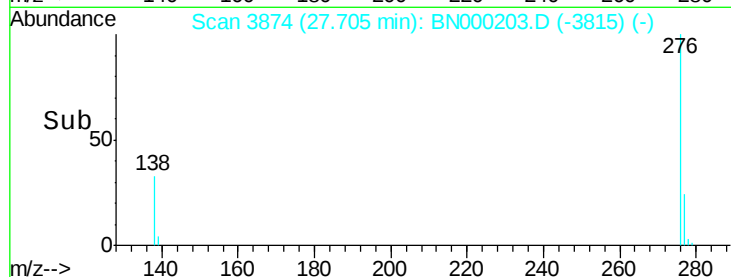
Tgt Ion: 276 Resp: 3314

Ion Ratio Lower Upper

276 100

277 28.9 16.0 24.0#

138 38.4 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

