

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030118\
 Data File : BN000210.D
 Acq On : 01 Mar 2018 10:32
 Operator : JU/SJ
 Sample : MDL-W-06
 Misc : 0.07 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-06

Quant Time: Mar 01 16:56:47 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	8.46	152	4865	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	18352	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	9246	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	22886	0.40	ng	0.00
27) Chrysene-d12	21.90	240	18079	0.40	ng	0.00
34) Perylene-d12	24.37	264	14808	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	3542	0.34	ng	0.00
5) Phenol-d6	7.58	99	4320	0.33	ng	0.00
8) Nitrobenzene-d5	9.63	82	3353	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	10239	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	990	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	14645	0.33	ng	0.00
25) Fluoranthene-d10	19.77	212	20917	0.34	ng	0.00
29) Terphenyl-d14	20.33	244	11397	0.36	ng	0.00

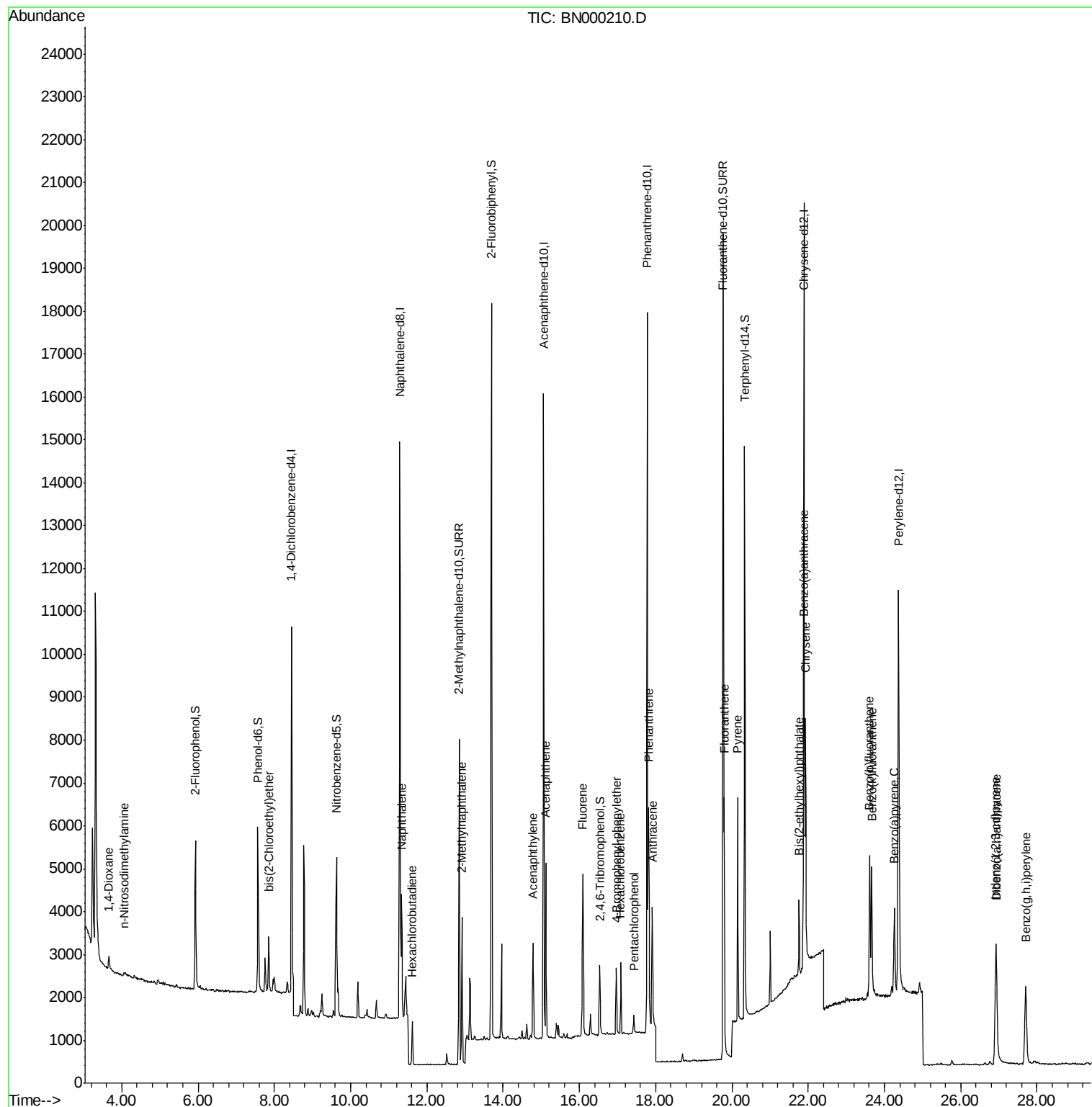
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.66	88	390	0.077	ng	93
3) n-Nitrosodimethylamine	4.05	42	56	0.113	ng	# 80
6) bis(2-Chloroethyl)ether	7.85	93	1157	0.070	ng	96
9) Naphthalene	11.34	128	3801	0.071	ng	# 93
10) Hexachlorobutadiene	11.62	225	638	0.070	ng	97
12) 2-Methylnaphthalene	12.92	142	2376	0.068	ng	98
16) Acenaphthylene	14.78	152	2535	0.058	ng	99
17) Acenaphthene	15.13	154	2283	0.066	ng	97
18) Fluorene	16.09	166	2796	0.065	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	785	0.060	ng	# 81
21) Hexachlorobenzene	17.09	284	1124	0.064	ng	96
22) Pentachlorophenol	17.43	266	263	0.143	ng	88
23) Phenanthrene	17.82	178	5183	0.064	ng	# 94
24) Anthracene	17.91	178	3399	0.056	ng	95
26) Fluoranthene	19.80	202	5179	0.062	ng	# 94
28) Pyrene	20.15	202	5152	0.073	ng	99
30) Benzo(a)anthracene	21.87	228	3769	0.066	ng	98
31) Chrysene	21.93	228	4674	0.070	ng	98
32) Bis(2-ethylhexyl)phthalate	21.76	149	1580	0.075	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.92	276	3918	0.063	ng	# 91
35) Benzo(b)fluoranthene	23.61	252	4606	0.068	ng	# 84
36) Benzo(k)fluoranthene	23.66	252	4131	0.062	ng	# 62
37) Benzo(a)pyrene	24.26	252	3312	0.060	ng	# 54
38) Dibenzo(a,h)anthracene	26.93	278	2848	0.058	ng	# 72
39) Benzo(g,h,i)perylene	27.70	276	3923	0.068	ng	# 79

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

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030118\
Data File : BN000210.D
Acq On : 01 Mar 2018 10:32
Operator : JU/SJ
Sample : MDL-W-06
Misc : 0.07 PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
MDL-W-06

Quant Time: Mar 01 16:56:47 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 635

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampled :

MDL-W-06

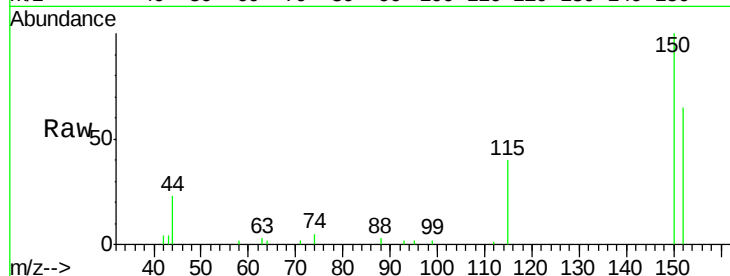
Tot Ion:152 Resp: 4865

Ion Ratio Lower Upper

152 100

150 153.3 117.2 175.8

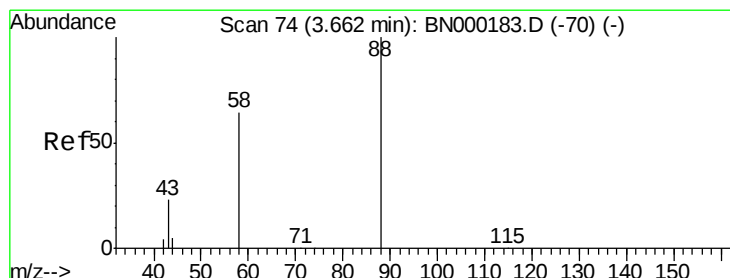
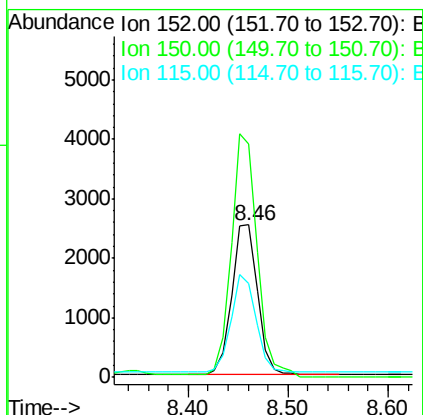
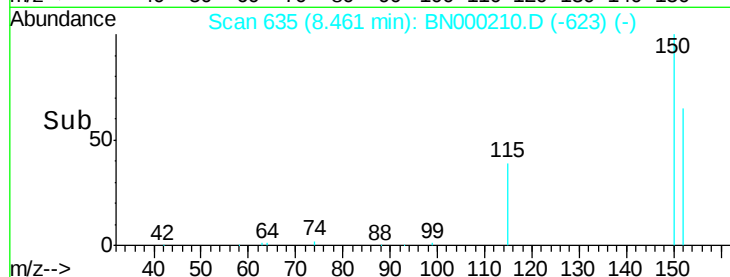
115 61.9 57.0 85.6



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: 0.077 ng

RT: 3.66 min Scan# 74

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

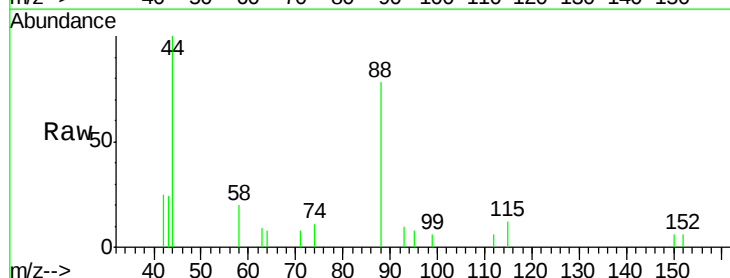
Tgt Ion: 88 Resp: 390

Ion Ratio Lower Upper

88 100

58 65.1 48.0 72.0

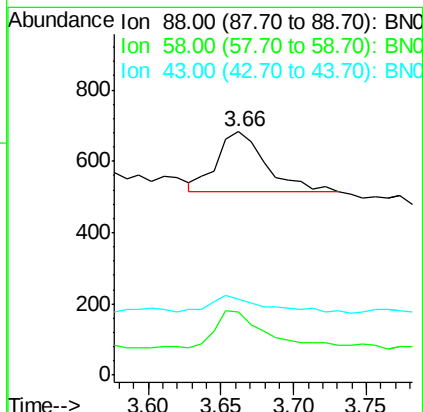
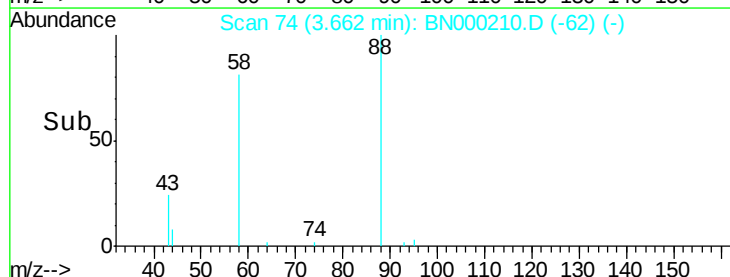
43 29.2 20.0 30.0

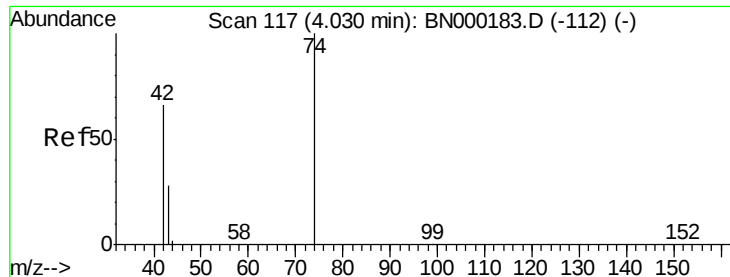


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



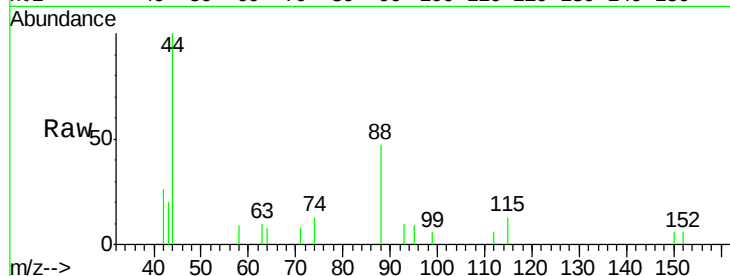


#3

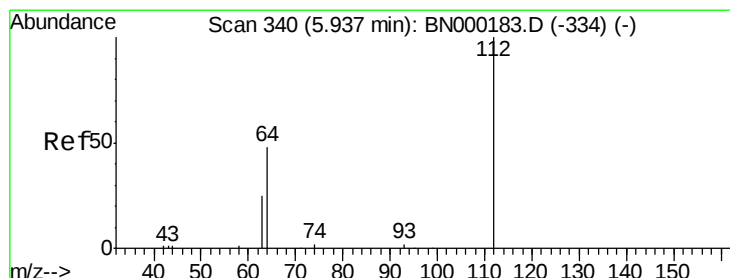
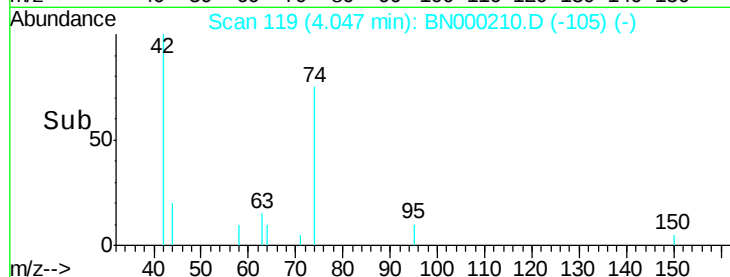
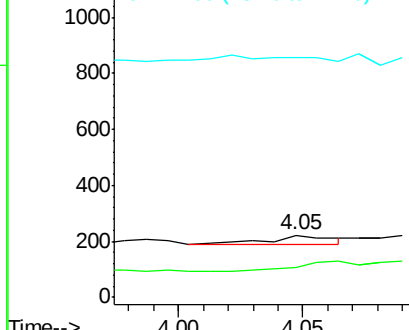
n-Nitrosodimethylamine
 Concen: 0.113 ng
 RT: 4.05 min Scan# 119
 Delta R.T. 0.02 min
 Lab File: BN000210.D
 Acq: 01 Mar 2018 10:32

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-06

Tot Ion	42	Resp	56
Ion Ratio	Lower	Upper	
42	100		
74	125.0	120.0	180.0
44	0.0	4.0	6.0#



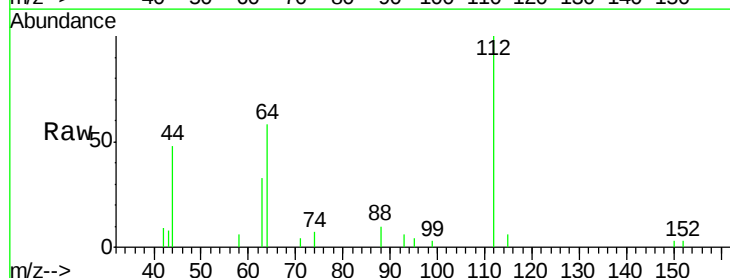
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



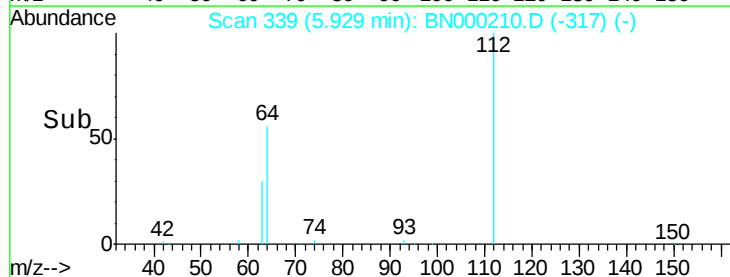
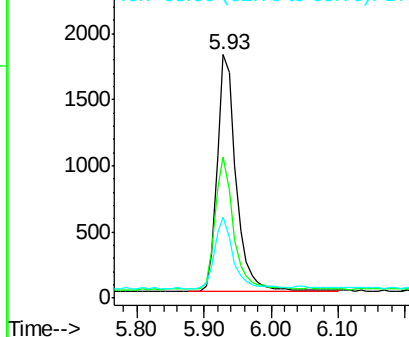
#4

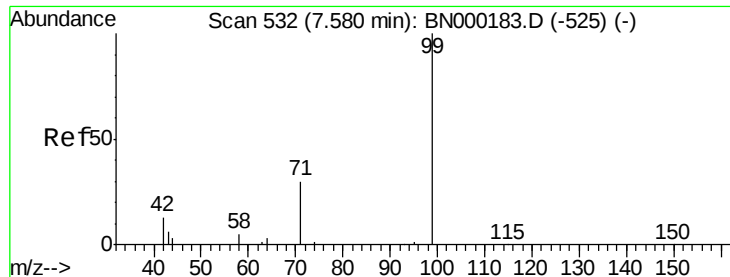
2-Fluorophenol
 Concen: 0.345 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000210.D
 Acq: 01 Mar 2018 10:32

Tgt Ion	112	Resp	3542
Ion Ratio	Lower	Upper	
112	100		
64	54.9	60.1	90.1#
63	28.1	116.8	175.2#



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: 0.331 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

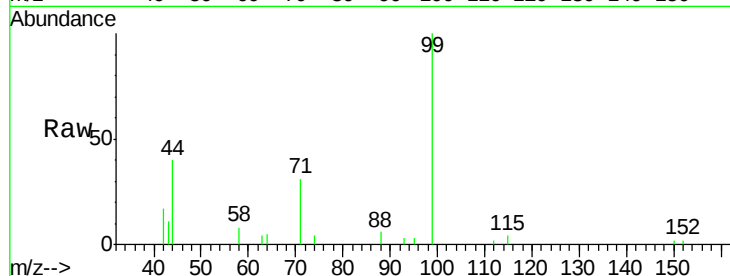
BNA_N

ClientSampleId :

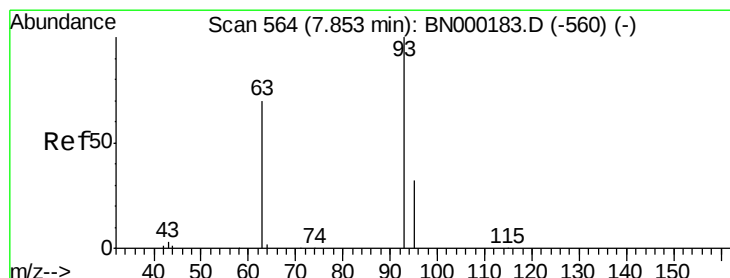
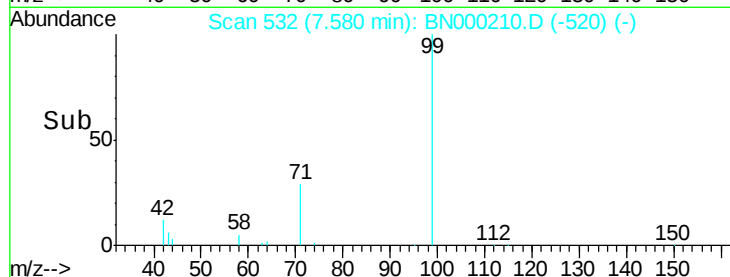
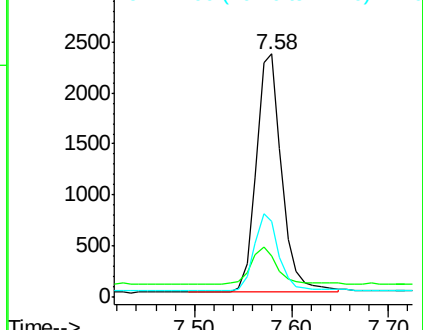
MDL-W-06

Tot Ion: 99 Resp: 4320

Ion	Ratio	Lower	Upper
99	100		
42	16.1	20.2	30.2#
71	31.5	28.4	42.6



Abundance Ion 99.00 (98.70 to 99.70): BN000210.D (-520) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.070 ng

RT: 7.85 min Scan# 564

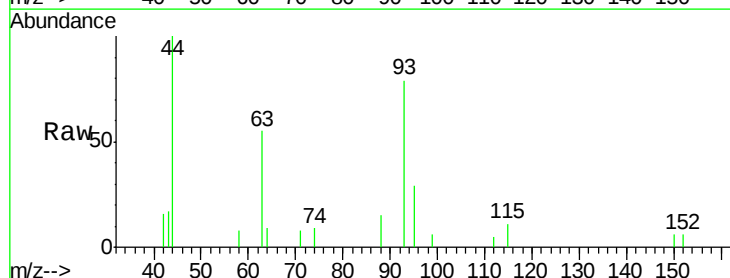
Delta R.T. -0.00 min

Lab File: BN000210.D

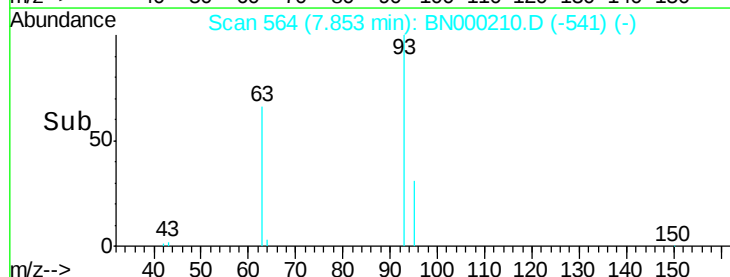
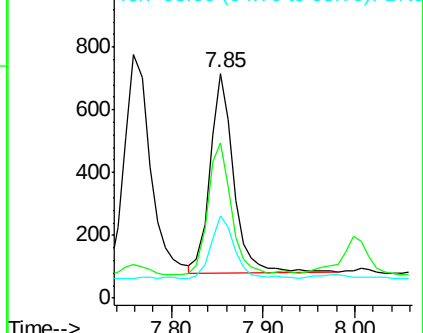
Acq: 01 Mar 2018 10:32

Tgt Ion: 93 Resp: 1157

Ion	Ratio	Lower	Upper
93	100		
63	65.5	56.0	84.0
95	31.1	25.2	37.8



Abundance Ion 93.00 (92.70 to 93.70): BN000210.D (-541) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

Tot Ion:136 Resp: 18352

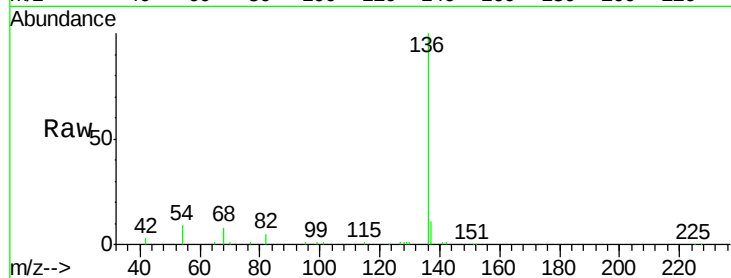
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 8.5 29.1 43.7#

68 7.7 6.2 9.2

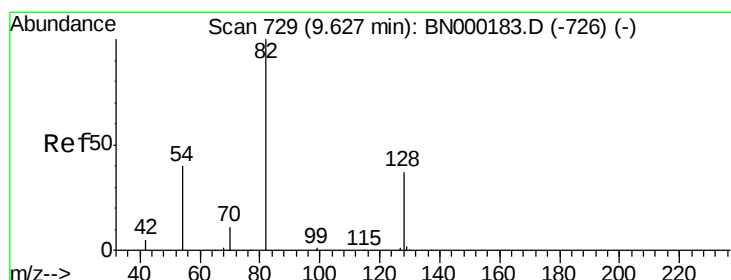
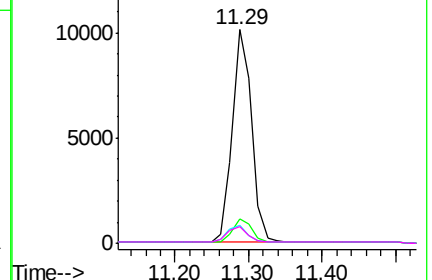
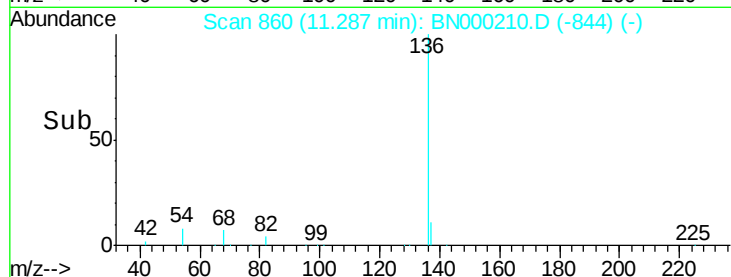


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.308 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

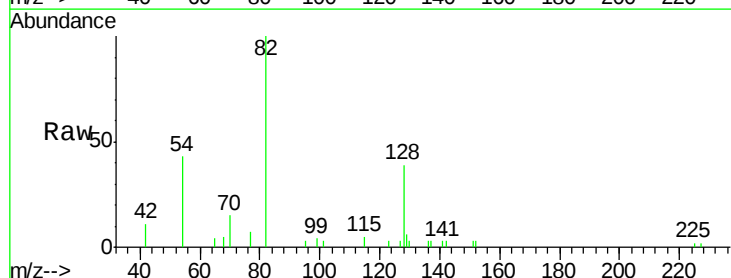
Tgt Ion: 82 Resp: 3353

Ion Ratio Lower Upper

82 100

128 38.7 150.0 225.0#

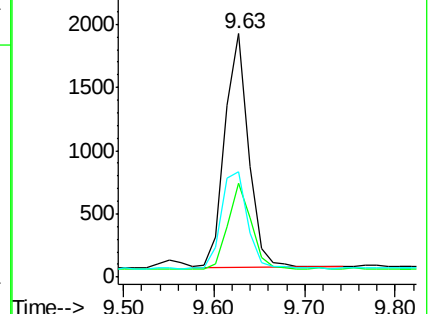
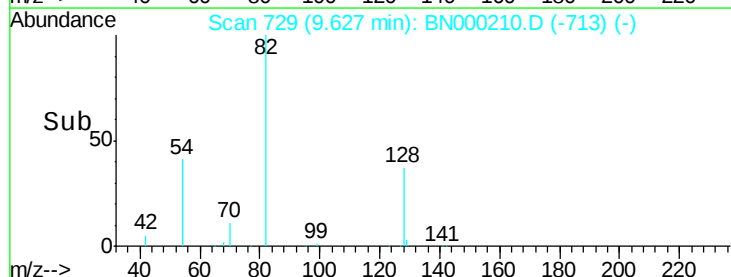
54 43.3 154.2 231.4#

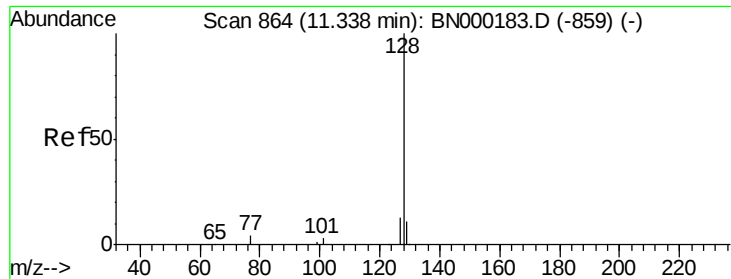


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.071 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

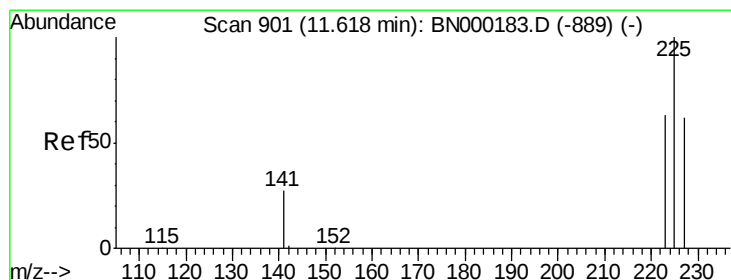
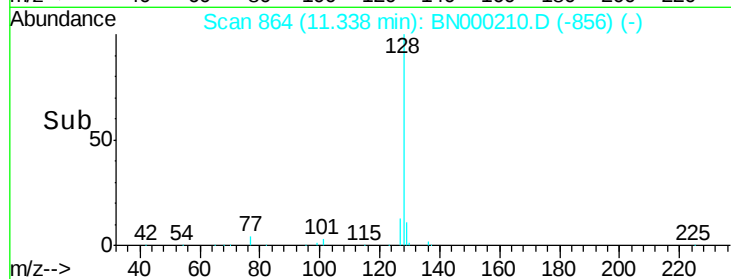
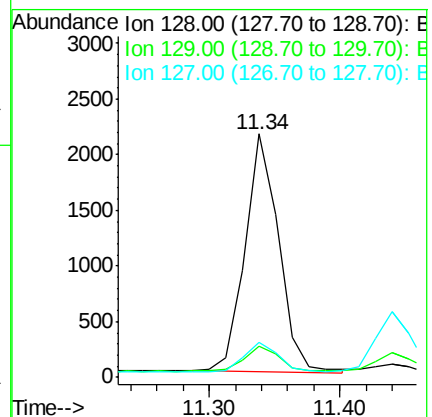
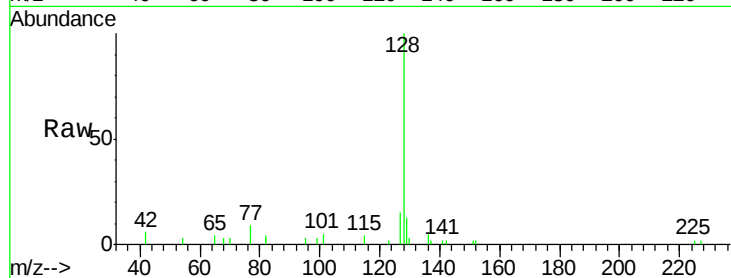
Tot Ion:128 Resp: 3801

Ion Ratio Lower Upper

128 100

129 12.8 8.0 12.0#

127 14.6 9.6 14.4#



#10

Hexachlorobutadiene

Concen: 0.070 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

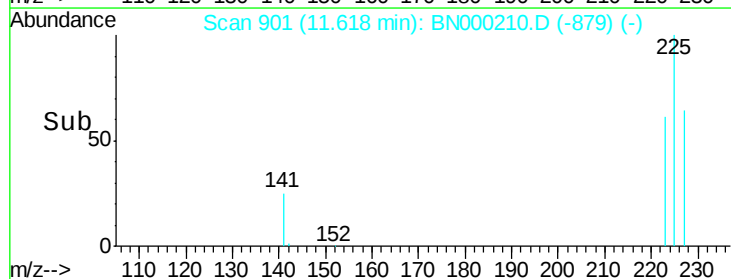
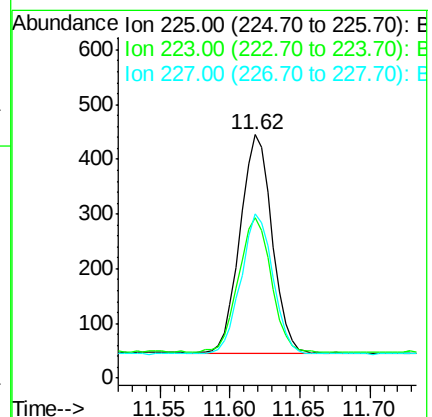
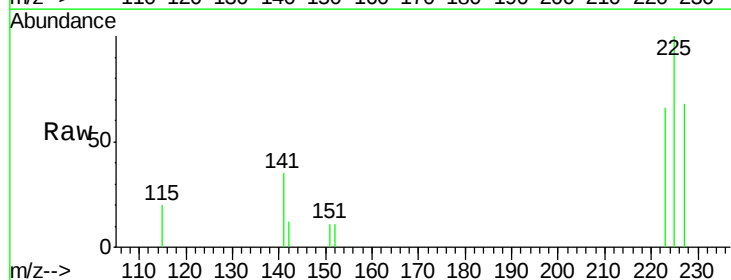
Tgt Ion:225 Resp: 638

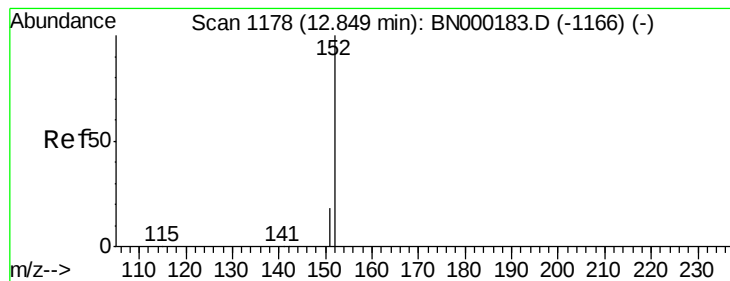
Ion Ratio Lower Upper

225 100

223 62.2 53.0 79.6

227 63.3 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.371 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

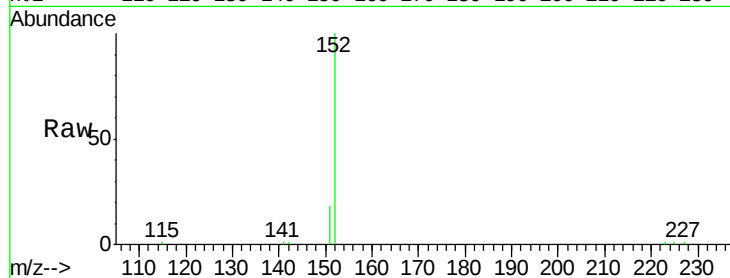
MDL-W-06

Tot Ion:152 Resp: 10239

Ion Ratio Lower Upper

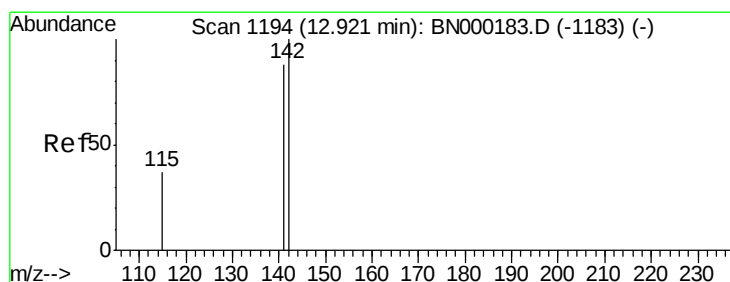
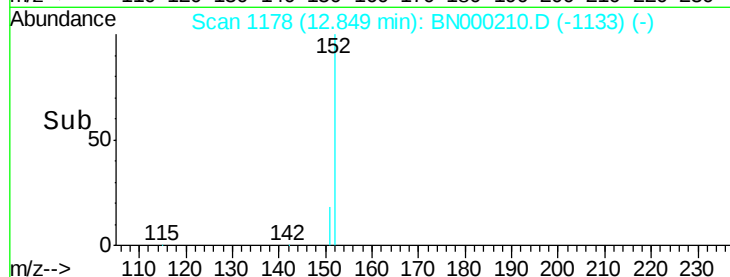
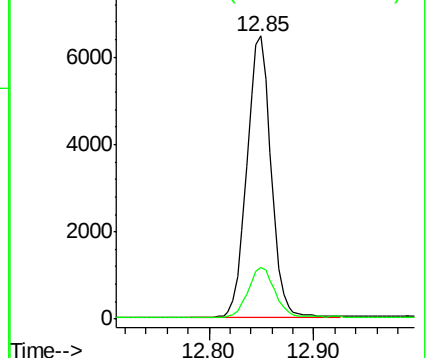
152 100

151 19.5 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: 0.068 ng

RT: 12.92 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

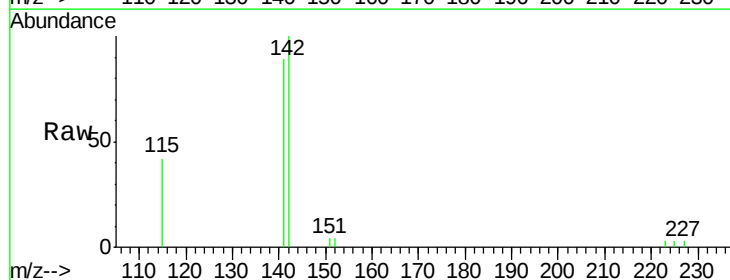
Tgt Ion:142 Resp: 2376

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6

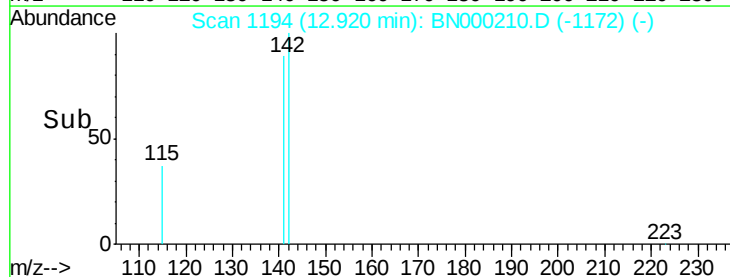
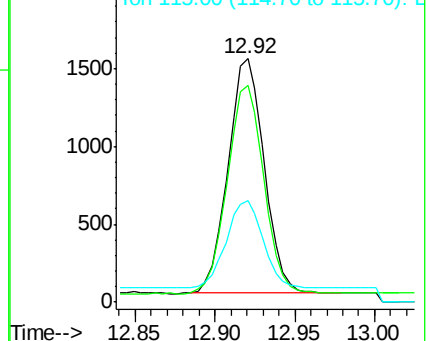
115 41.7 31.7 47.5



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: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

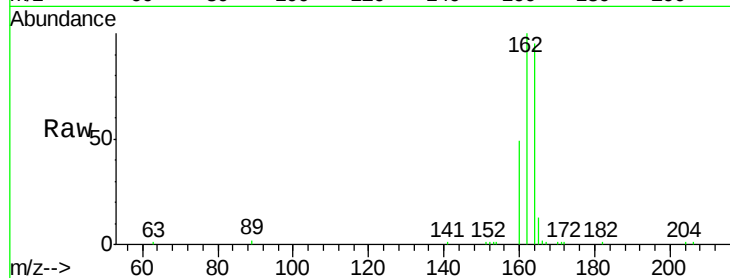
Tot Ion:164 Resp: 9246

Ion Ratio Lower Upper

164 100

162 105.7 83.1 124.7

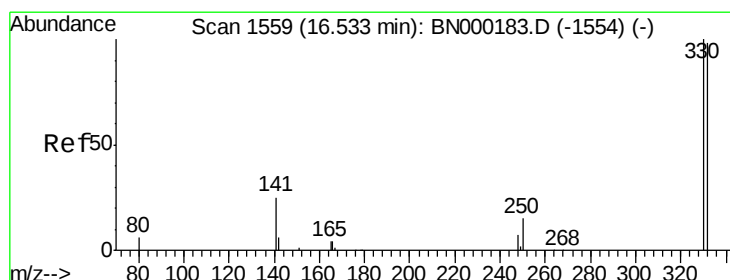
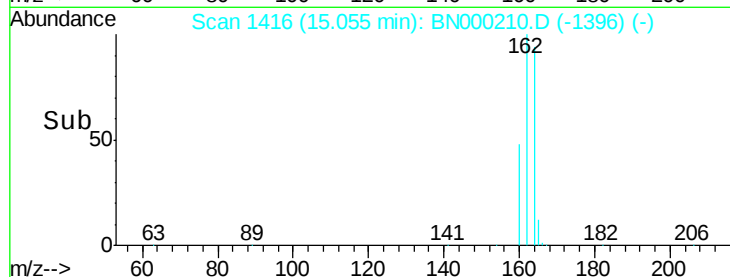
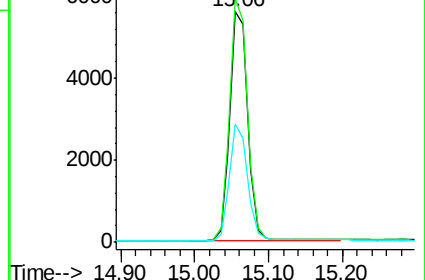
160 51.4 37.1 55.7



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: 0.337 ng

RT: 16.53 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

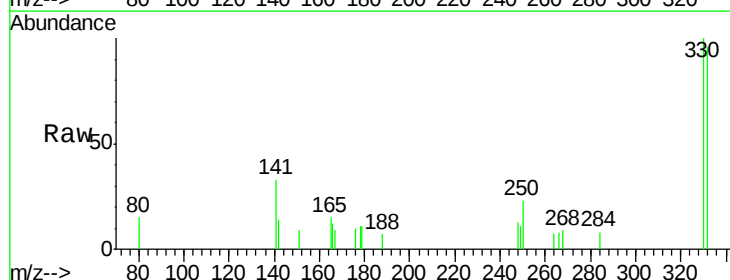
Tgt Ion:330 Resp: 990

Ion Ratio Lower Upper

330 100

332 93.8 152.7 229.1#

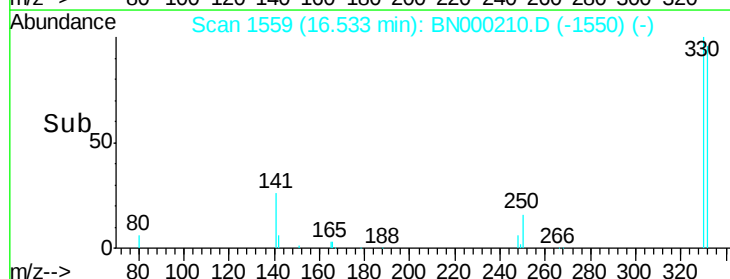
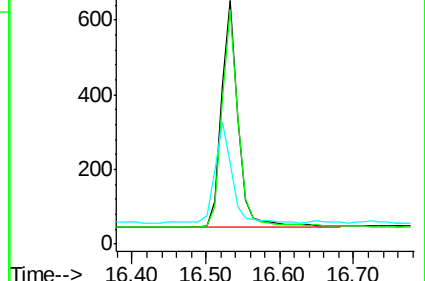
141 42.6 33.7 50.5

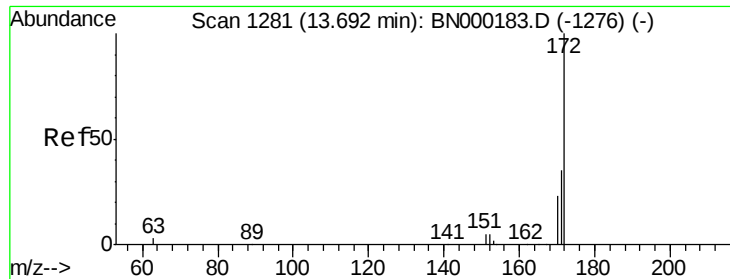


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

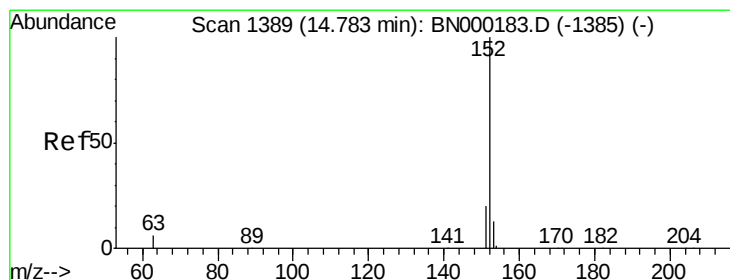
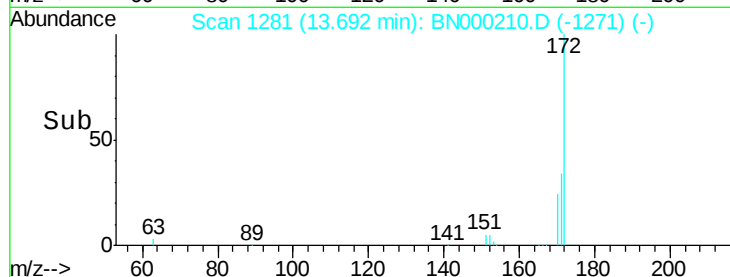
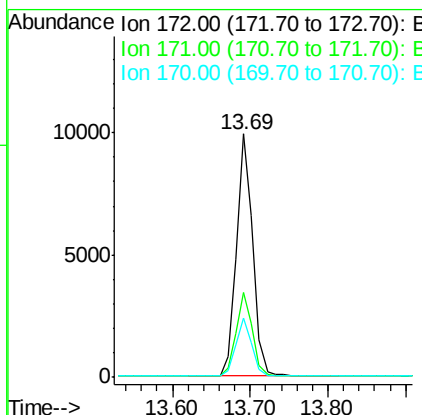
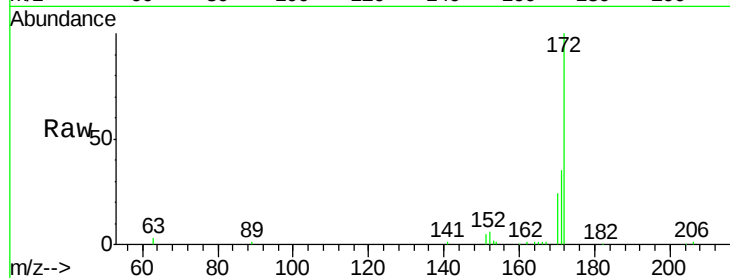




#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000210.D
Acq: 01 Mar 2018 10:32

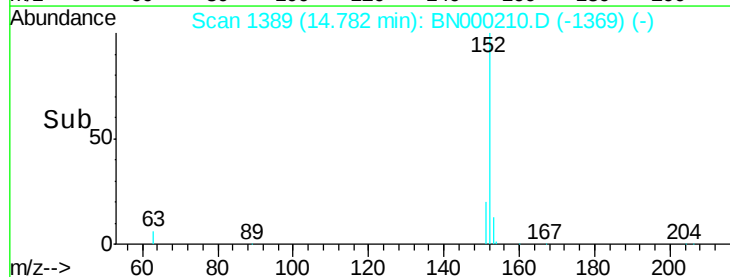
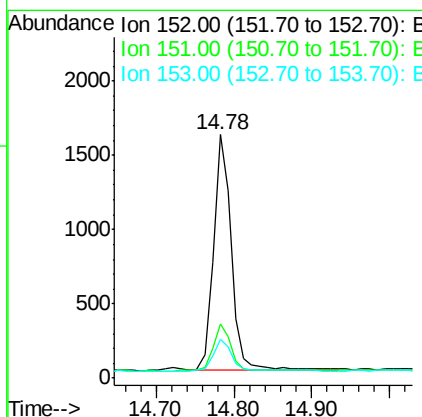
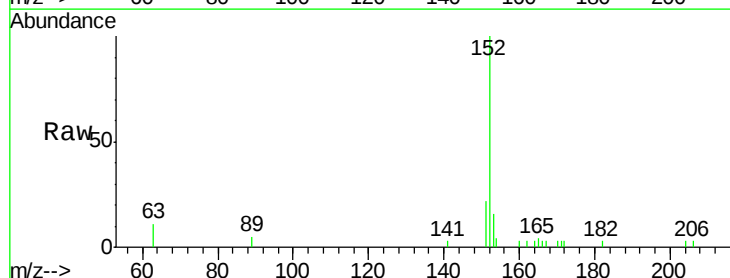
Instrument :
BNA_N
ClientSampleId :
MDL-W-06

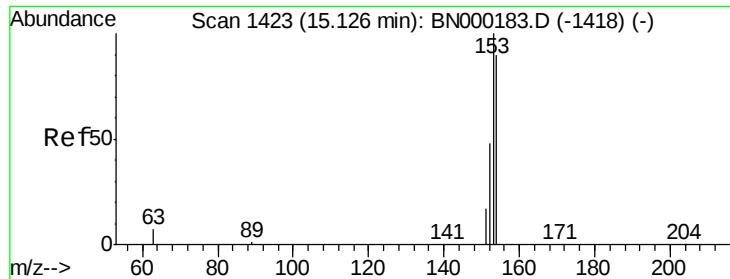
Tot Ion:172 Resp: 14645
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 24.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.058 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000210.D
Acq: 01 Mar 2018 10:32

Tgt Ion:152 Resp: 2535
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.066 ng

RT: 15.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

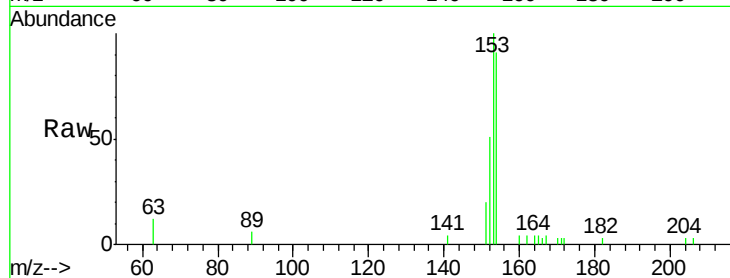
Tot Ion:154 Resp: 2283

Ion Ratio Lower Upper

154 100

153 113.0 89.2 133.8

152 57.3 42.0 63.0

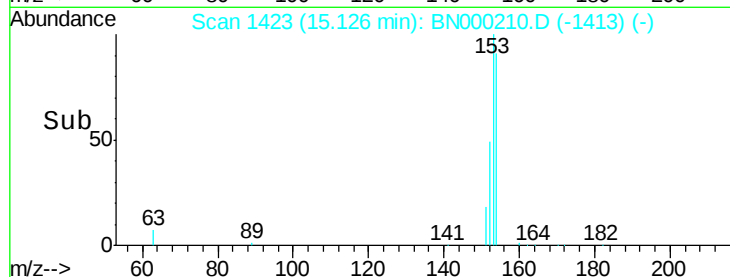


Abundance Ion 154.00 (153.70 to 154.70): E

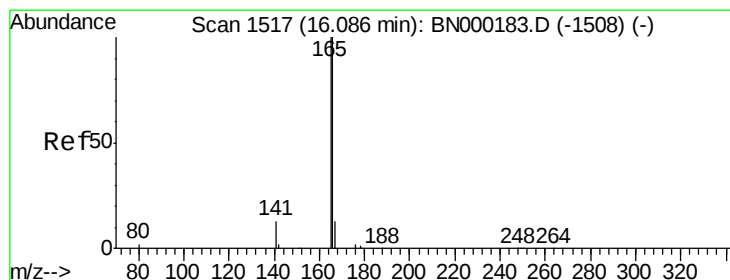
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#18

Fluorene

Concen: 0.065 ng

RT: 16.09 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

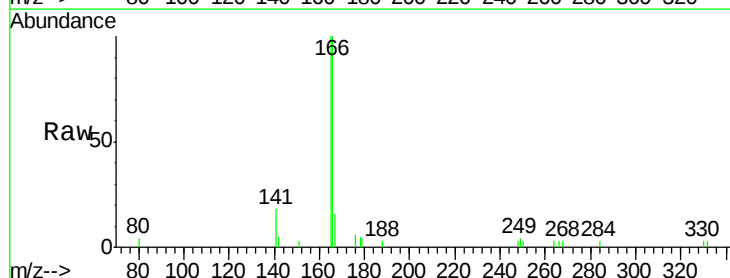
Tgt Ion:166 Resp: 2796

Ion Ratio Lower Upper

166 100

165 99.1 77.8 116.6

167 13.5 42.4 63.6#

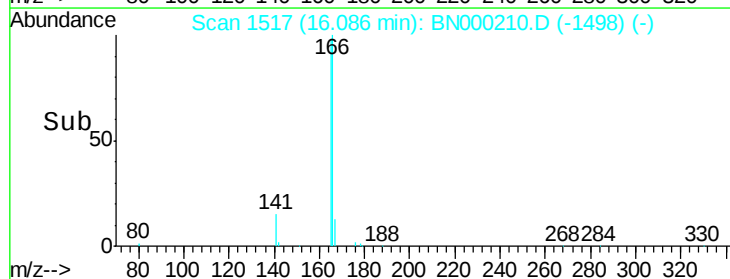


Abundance Ion 166.00 (165.70 to 166.70): E

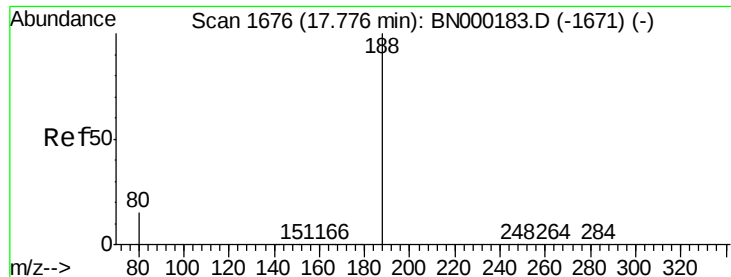
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

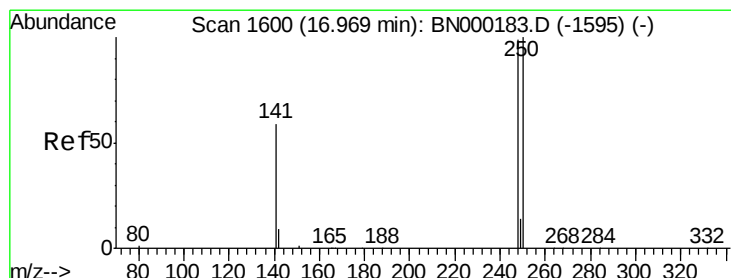
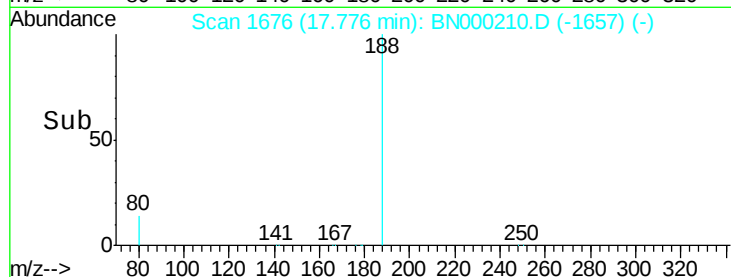
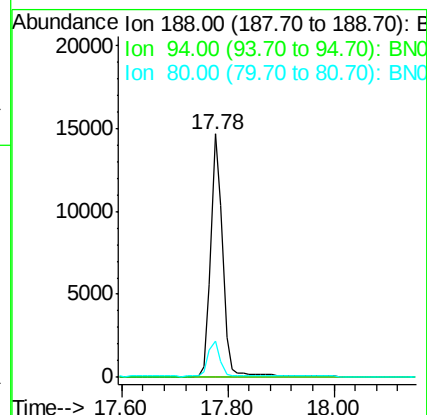
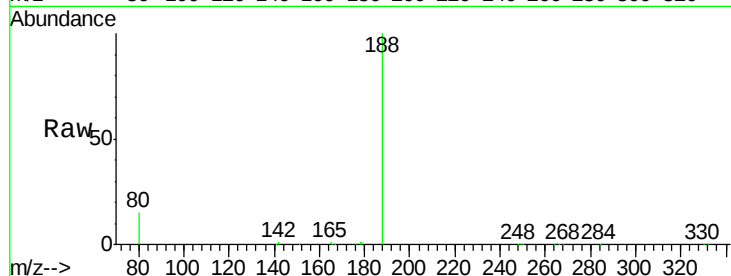
Tot Ion:188 Resp: 22886

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 14.8 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.060 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

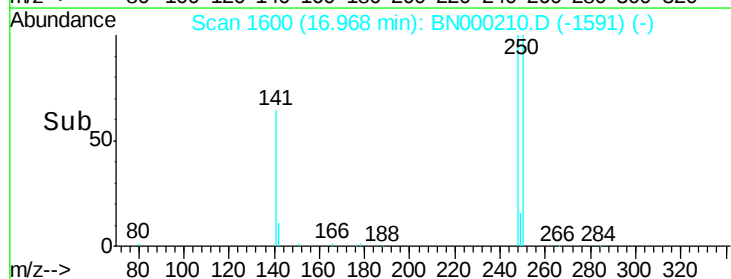
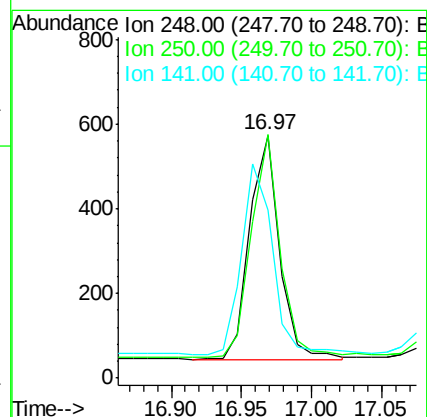
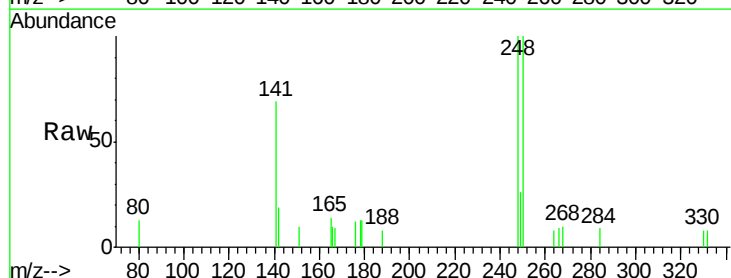
Tgt Ion:248 Resp: 785

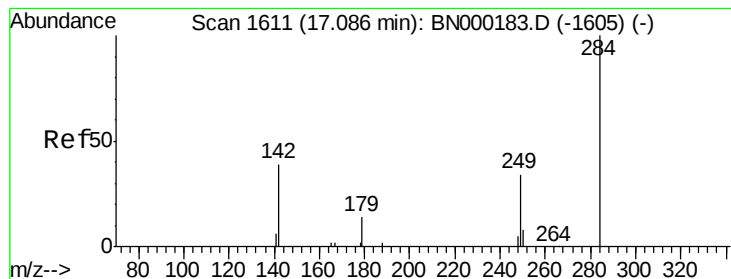
Ion Ratio Lower Upper

248 100

250 100.3 62.7 94.1#

141 69.3 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.064 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

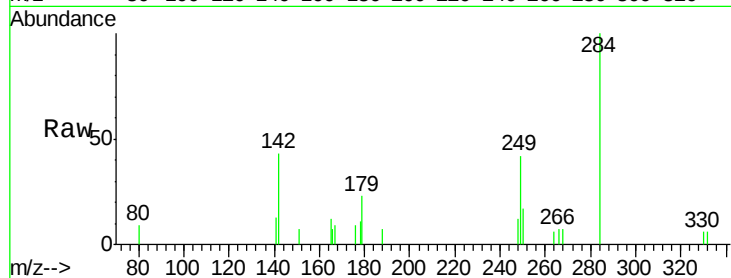
Tot Ion:284 Resp: 1124

Ion Ratio Lower Upper

284 100

142 41.6 32.0 48.0

249 32.7 24.0 36.0

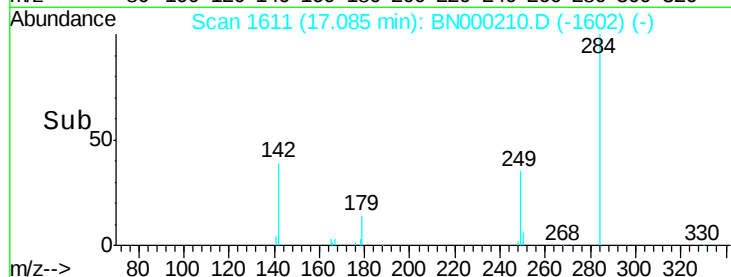


Abundance Ion 283.80 (283.50 to 284.50): E

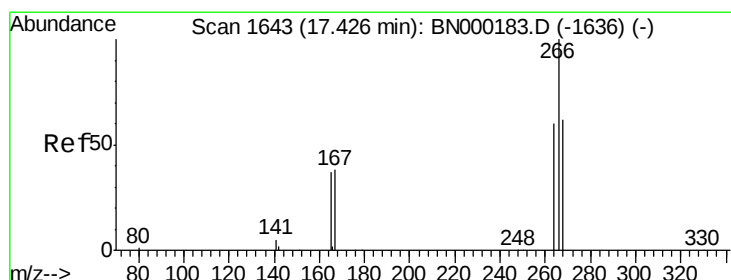
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

Time-->



Time-->



#22

Pentachlorophenol

Concen: 0.143 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

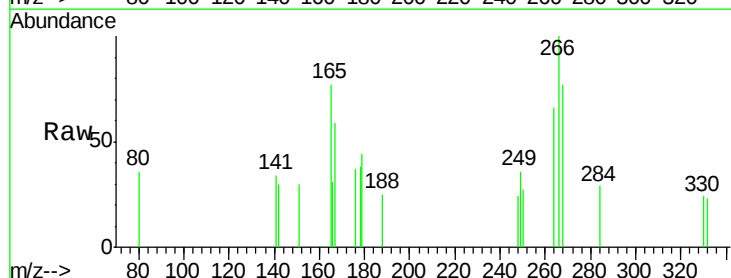
Tgt Ion:266 Resp: 263

Ion Ratio Lower Upper

266 100

264 66.5 48.0 72.0

268 76.6 52.0 78.0

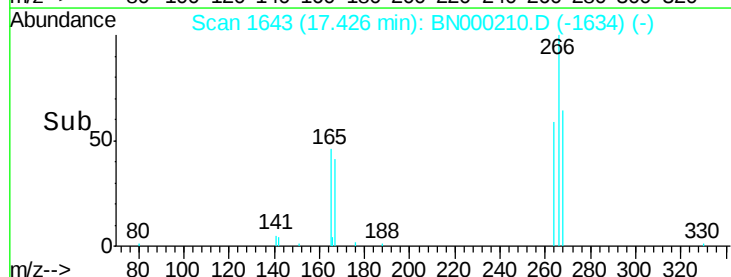


Abundance Ion 266.00 (265.70 to 266.70): E

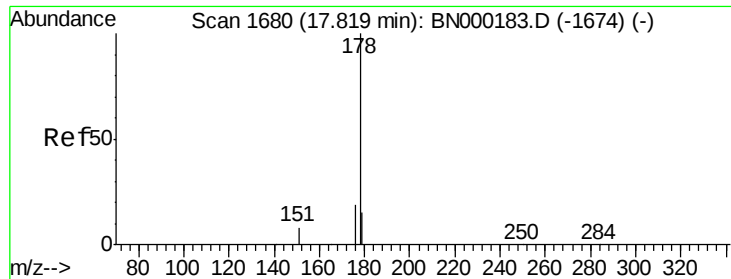
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

Time-->



Time-->



#23

Phenanthrene

Concen: 0.064 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

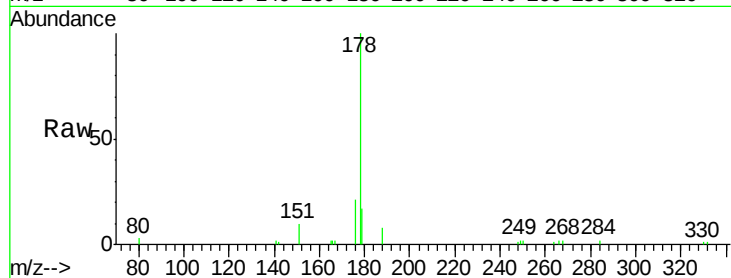
Tot Ion:178 Resp: 5183

Ion Ratio Lower Upper

178 100

176 20.6 15.1 22.7

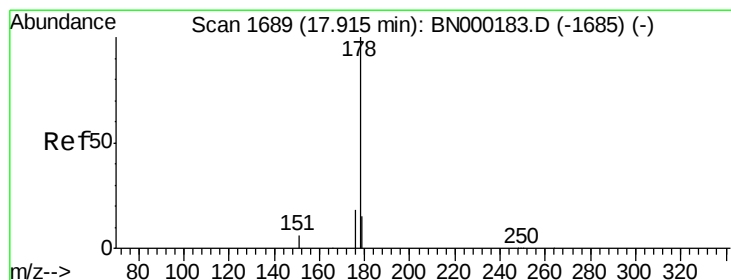
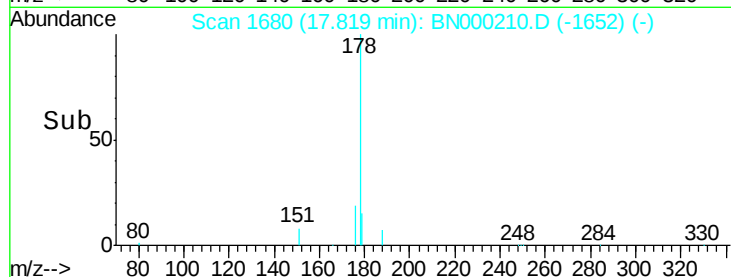
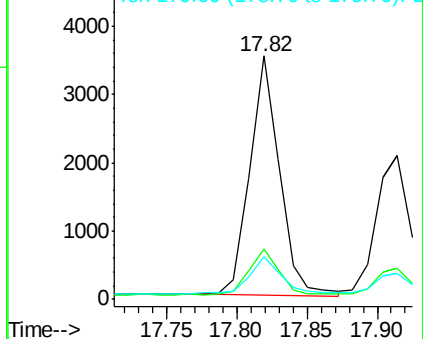
179 18.1 11.8 17.6#



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: 0.056 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

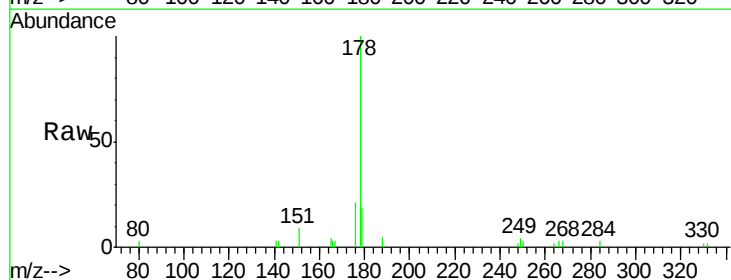
Tgt Ion:178 Resp: 3399

Ion Ratio Lower Upper

178 100

176 19.1 12.8 19.2

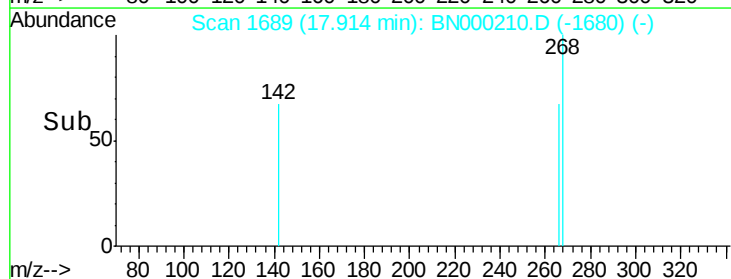
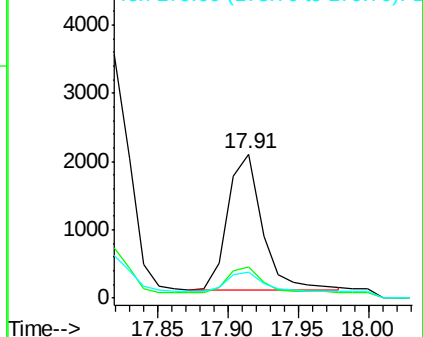
179 15.0 13.0 19.6

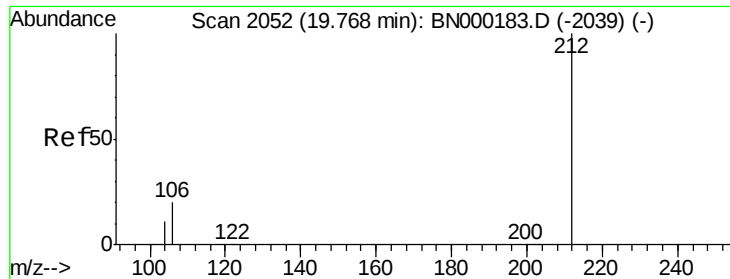


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.342 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

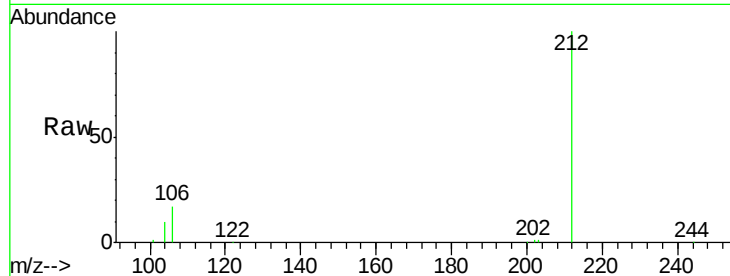
Tot Ion:212 Resp: 20917

Ion Ratio Lower Upper

212 100

106 19.2 2.8 4.2#

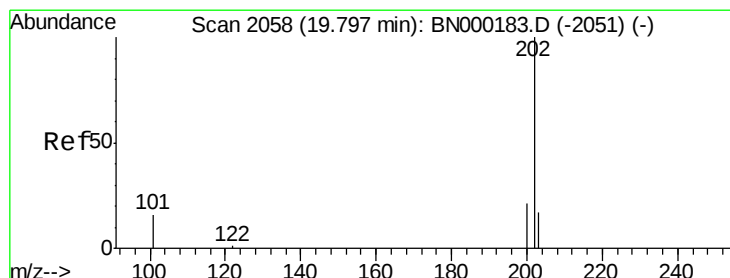
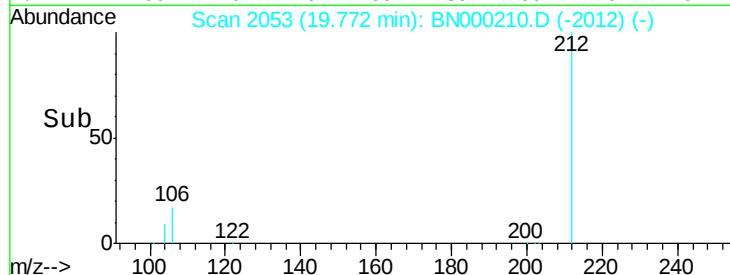
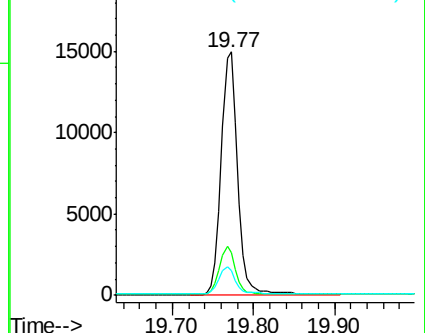
104 10.8 1.6 2.4#



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: 0.062 ng

RT: 19.80 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

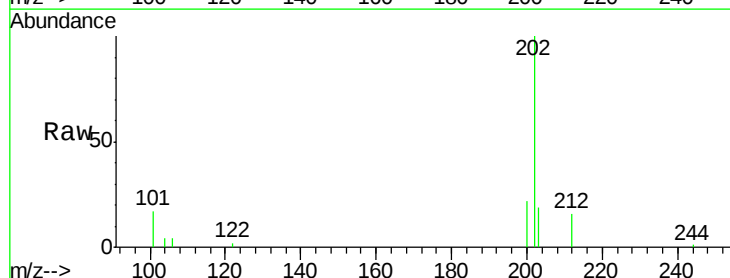
Tgt Ion:202 Resp: 5179

Ion Ratio Lower Upper

202 100

101 16.5 9.8 14.8#

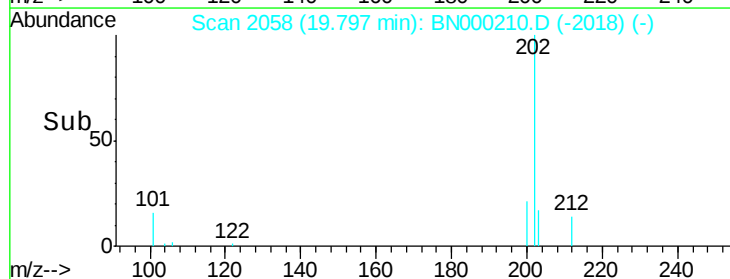
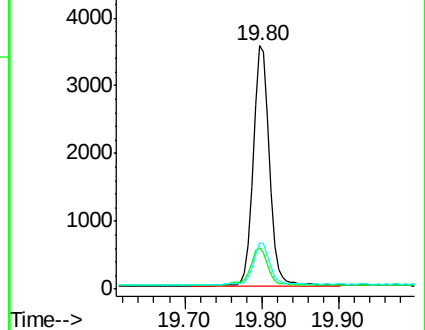
203 18.1 13.7 20.5

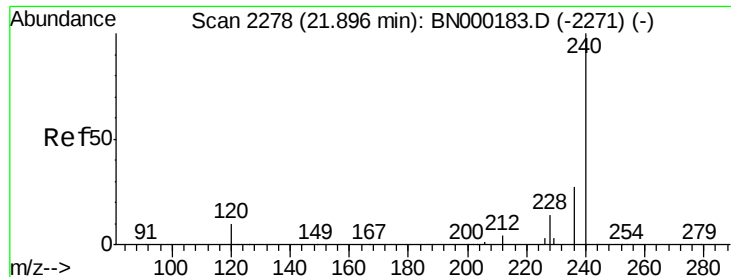


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

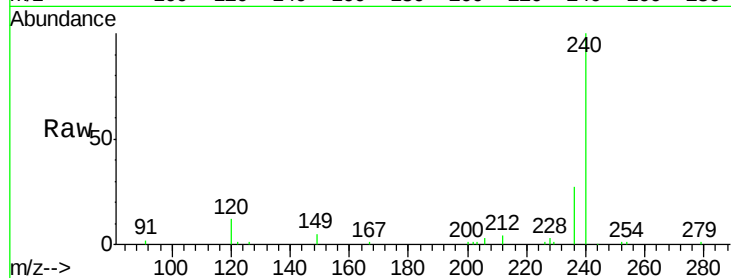
Tot Ion:240 Resp: 18079

Ion Ratio Lower Upper

240 100

120 12.3 5.5 8.3#

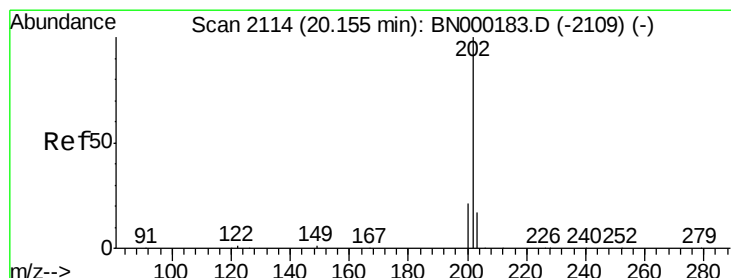
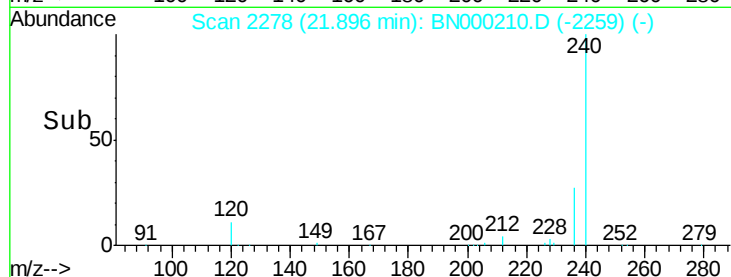
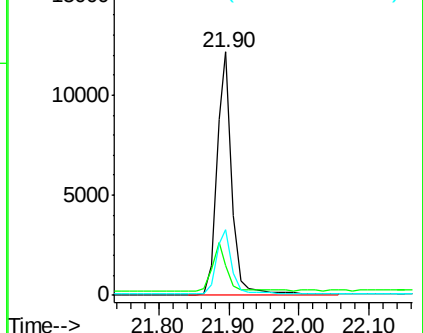
236 27.2 20.7 31.1



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: 0.073 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

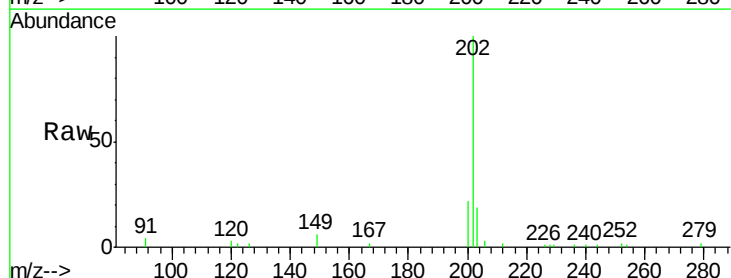
Tgt Ion:202 Resp: 5152

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

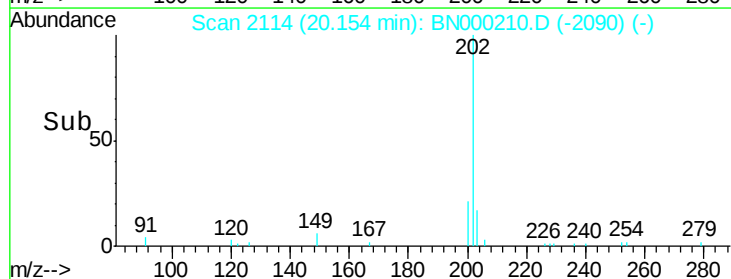
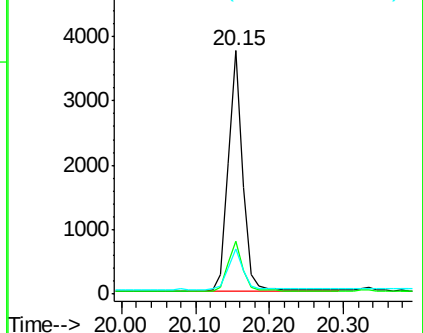
203 18.3 13.8 20.8



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

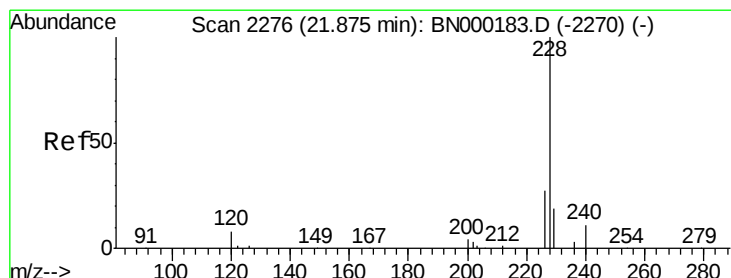
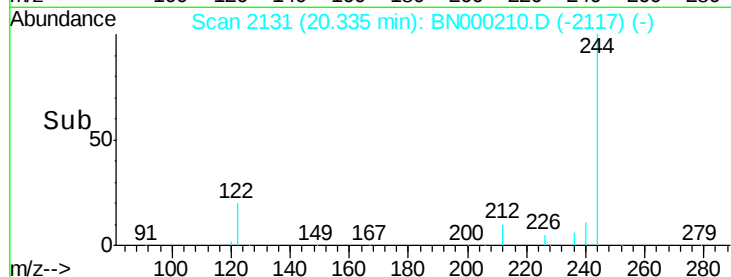
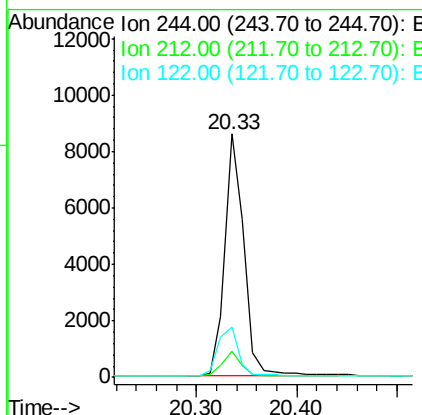
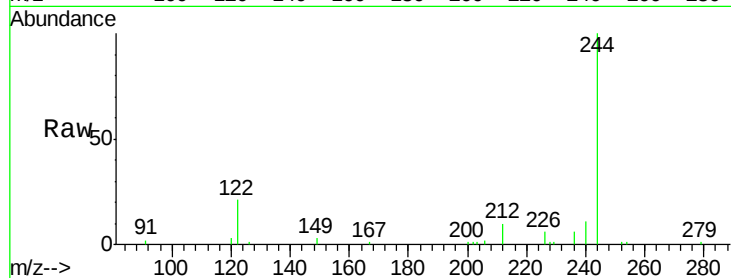




#29
 Terphenyl-d14
 Concen: 0.359 ng
 RT: 20.33 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BN000210.D
 Acq: 01 Mar 2018 10:32

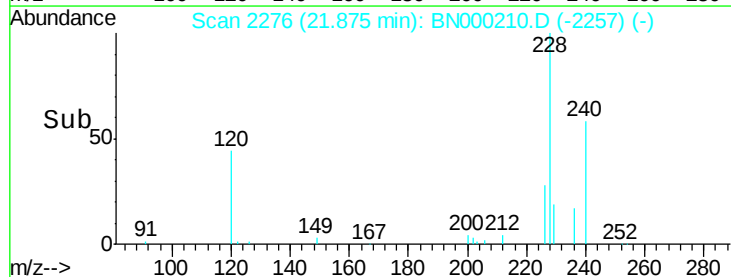
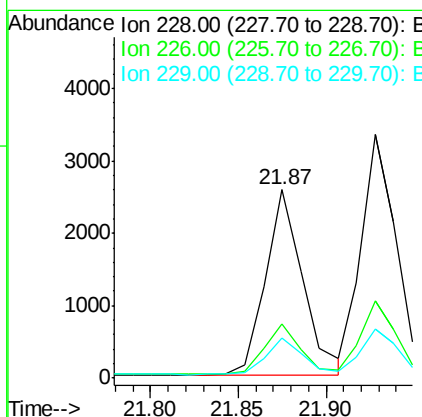
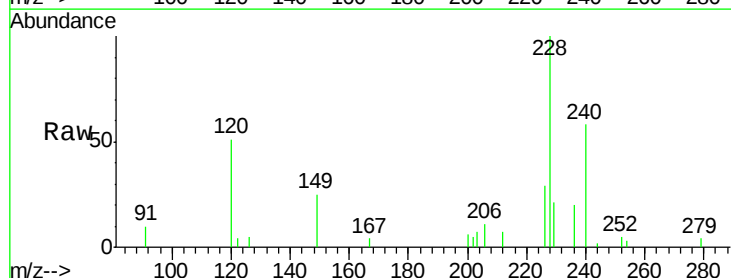
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-06

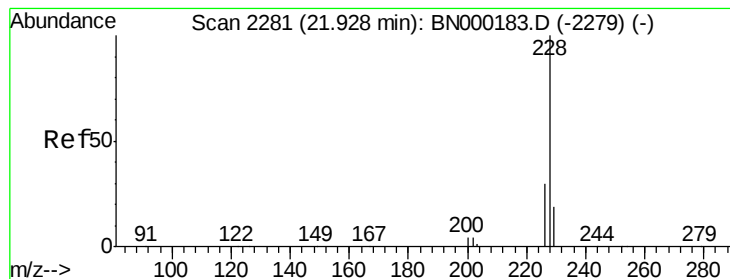
Tot Ion:244 Resp: 11397
 Ion Ratio Lower Upper
 244 100
 212 10.5 25.4 38.0#
 122 20.6 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 0.066 ng
 RT: 21.87 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BN000210.D
 Acq: 01 Mar 2018 10:32

Tgt Ion:228 Resp: 3769
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.0 36.0
 229 21.0 16.0 24.0





#31

Chrysene

Concen: 0.070 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

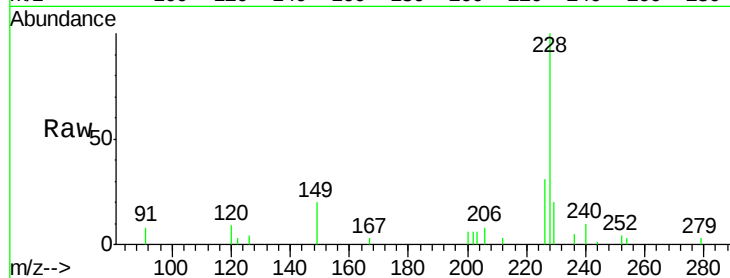
Tot Ion:228 Resp: 4674

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

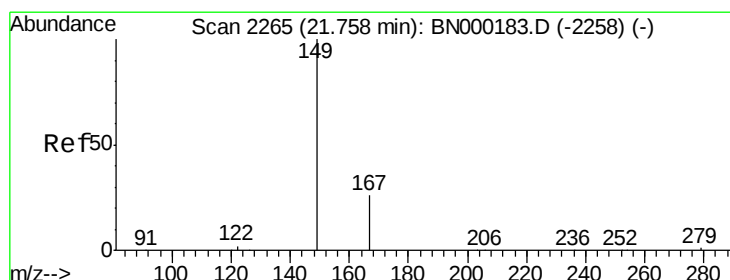
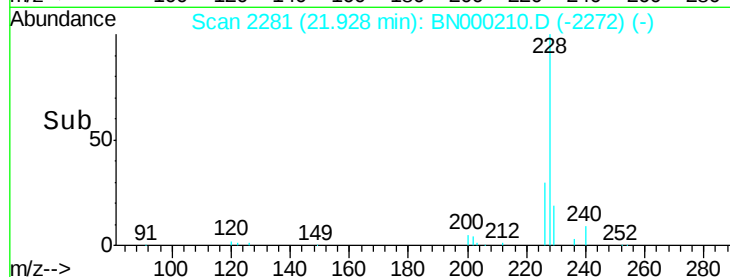
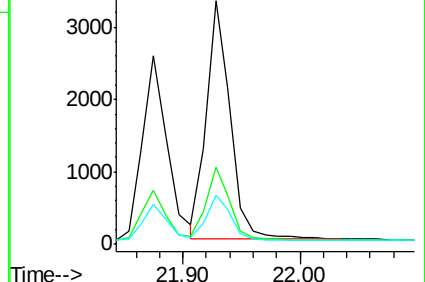
229 19.9 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.075 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

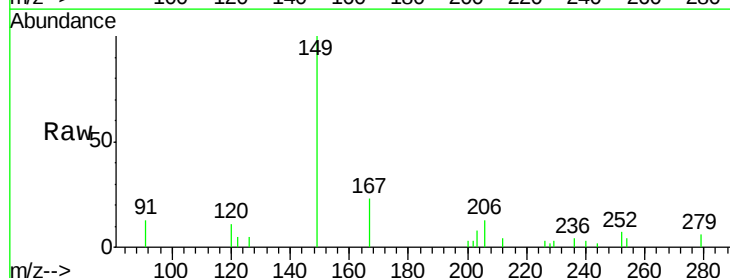
Tgt Ion:149 Resp: 1580

Ion Ratio Lower Upper

149 100

167 26.6 20.0 30.0

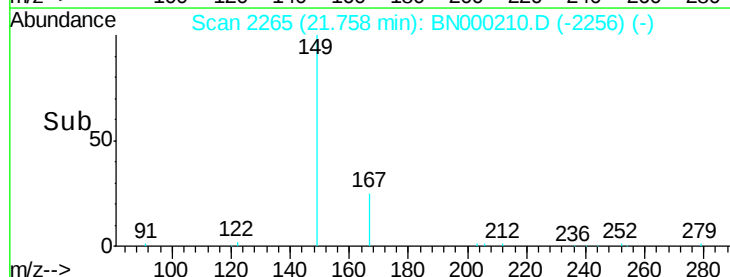
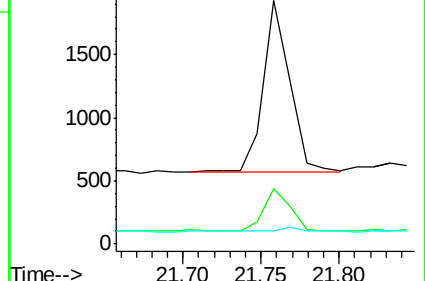
279 4.2 1.6 2.4#

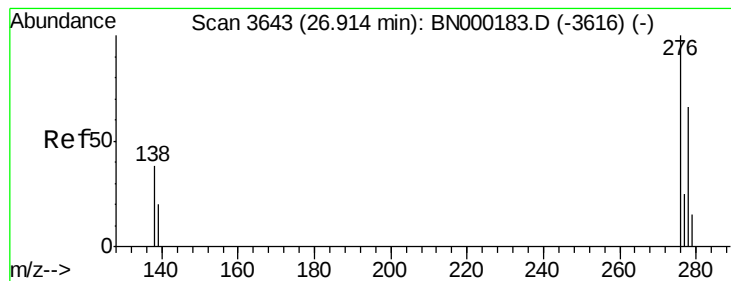


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.063 ng

RT: 26.92 min Scan# 3644

Delta R.T. 0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

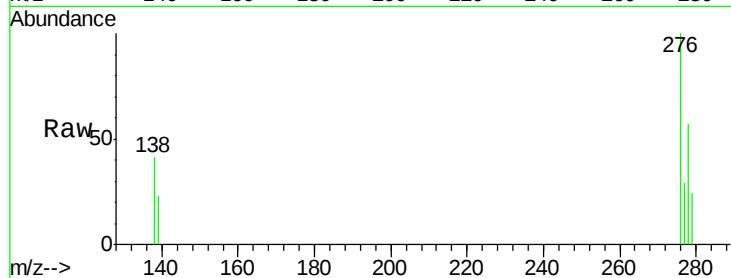
Tot Ion:276 Resp: 3918

Ion Ratio Lower Upper

276 100

138 36.9 22.5 33.7#

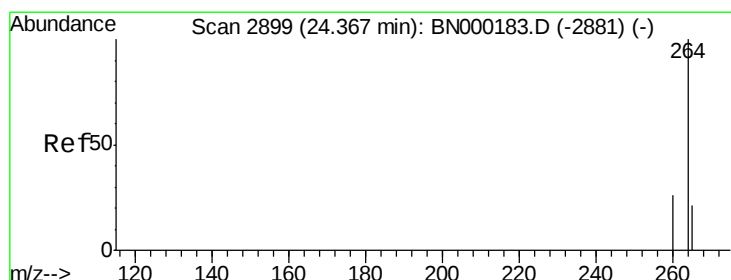
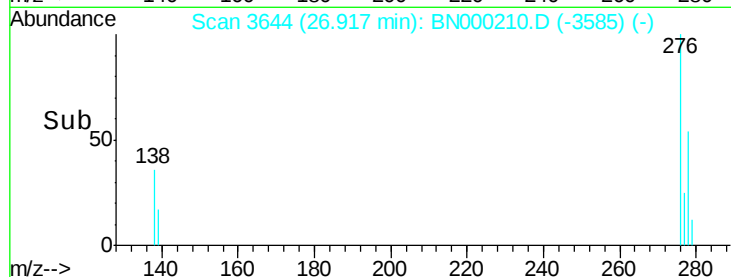
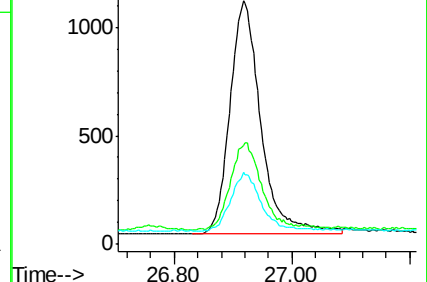
277 24.4 19.9 29.9



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# 2899

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

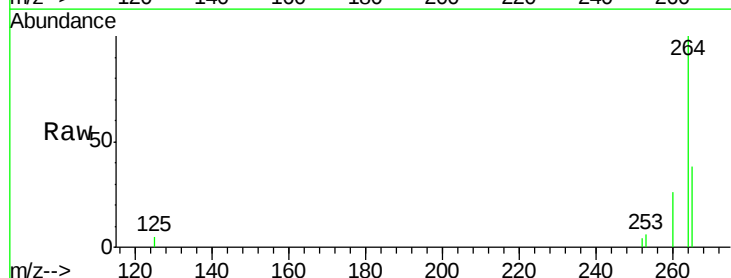
Tgt Ion:264 Resp: 14808

Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

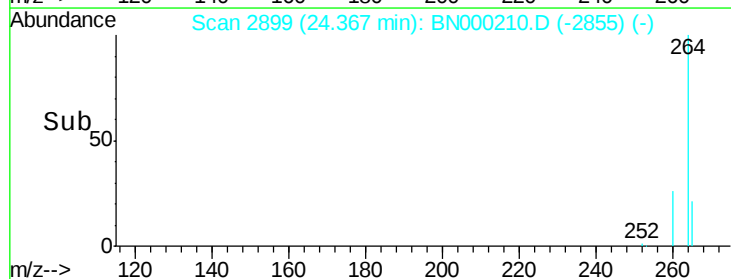
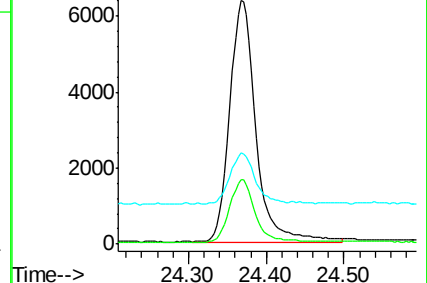
265 37.6 22.8 34.2#



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: 0.068 ng

RT: 23.61 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

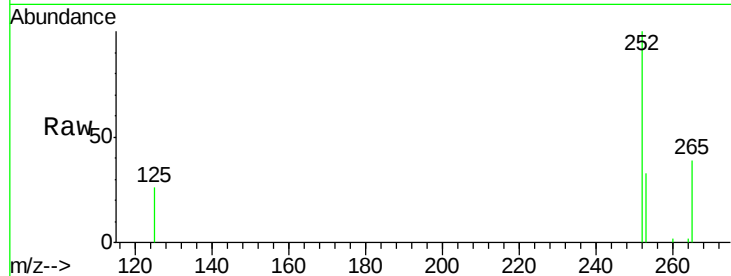
Tot Ion:252 Resp: 4606

Ion Ratio Lower Upper

252 100

253 33.4 20.0 30.0#

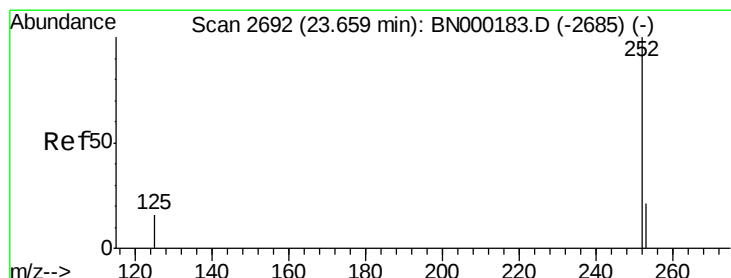
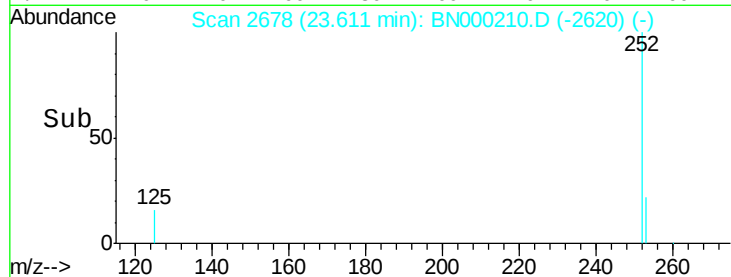
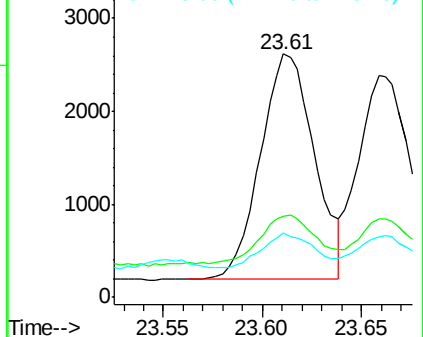
125 26.4 16.0 24.0#



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: 0.062 ng

RT: 23.66 min Scan# 2692

Delta R.T. -0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

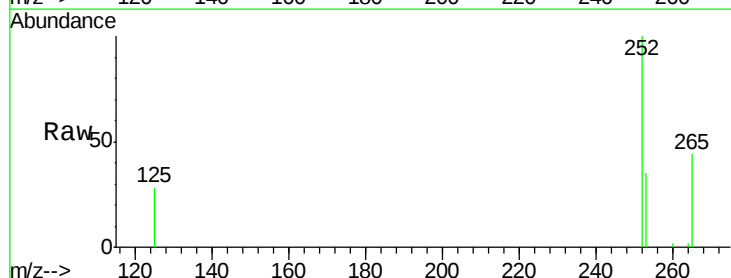
Tgt Ion:252 Resp: 4131

Ion Ratio Lower Upper

252 100

253 35.2 16.0 24.0#

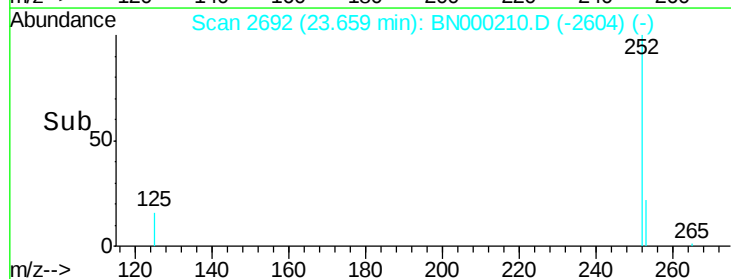
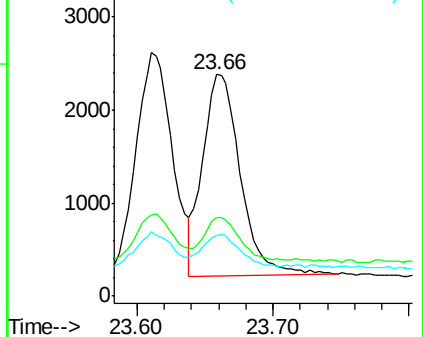
125 27.5 8.0 12.0#

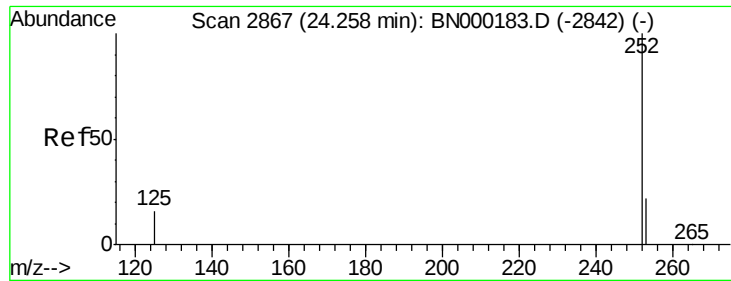


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.060 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampleId :

MDL-W-06

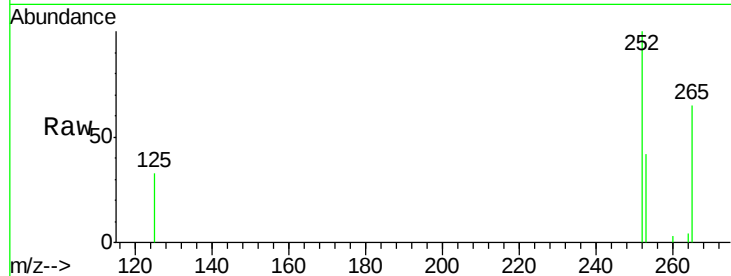
Tot Ion:252 Resp: 3312

Ion Ratio Lower Upper

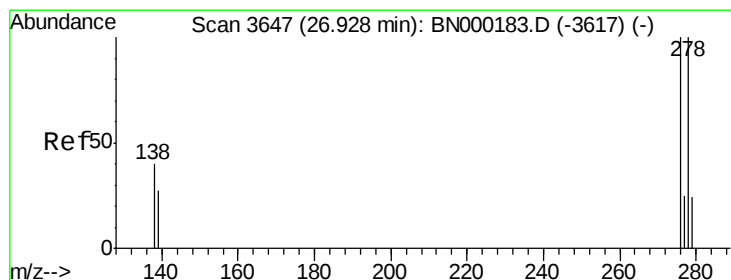
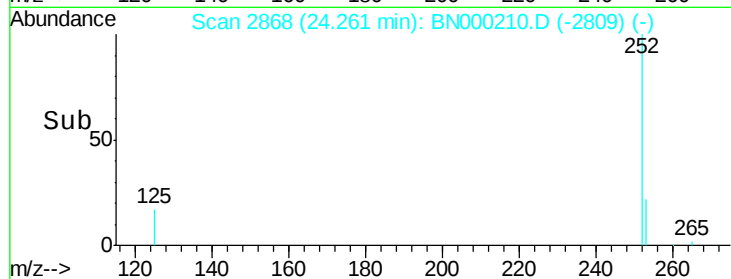
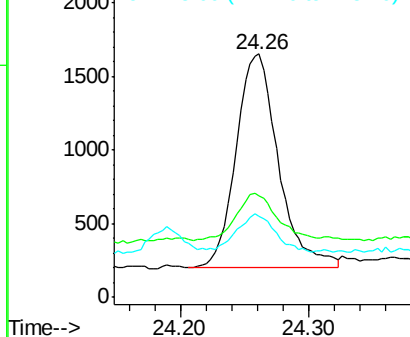
252 100

253 41.6 16.0 24.0#

125 33.2 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: 0.058 ng

RT: 26.93 min Scan# 3649

Delta R.T. 0.01 min

Lab File: BN000210.D

Acq: 01 Mar 2018 10:32

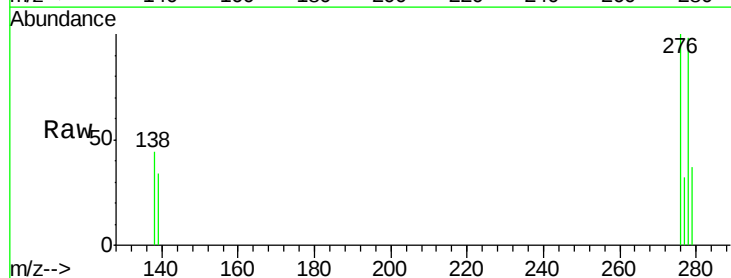
Tgt Ion:278 Resp: 2848

Ion Ratio Lower Upper

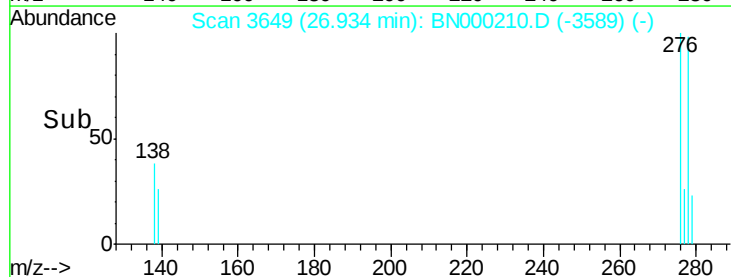
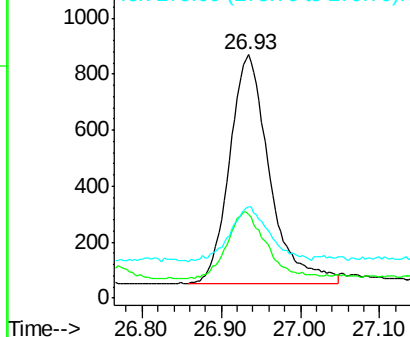
278 100

139 34.4 16.0 24.0#

279 37.7 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(a,h,i)perylene

Concen: 0.068 ng

RT: 27.70 min Scan# 3874

Delta R.T. 0.00 min

Lab File: BN000210.D

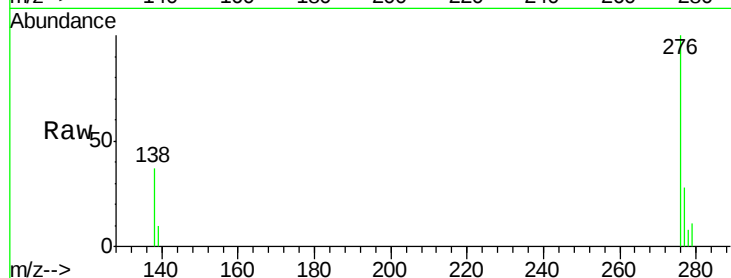
Acq: 01 Mar 2018 10:32

Instrument :

BNA_N

ClientSampled :

MDL-W-06



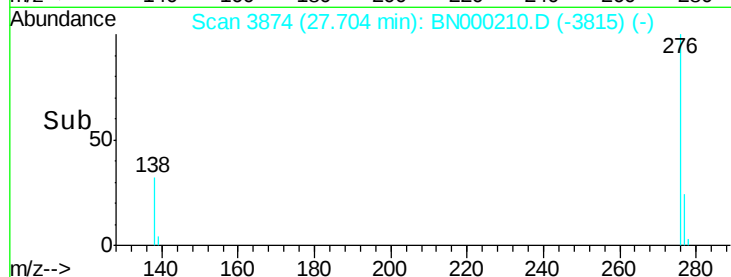
Tot Ion: 276 Resp: 3923

Ion Ratio Lower Upper

276 100

277 28.2 16.0 24.0#

138 37.1 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

