

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000190.D
 Acq On : 27 Feb 2018 14:46
 Operator : JU/SJ
 Sample : MDL-W-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-01

Quant Time: Feb 27 15:21:07 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	6601	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	24055	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	11765	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	26964	0.40	ng	0.00
27) Chrysene-d12	21.90	240	19424	0.40	ng	0.00
34) Perylene-d12	24.37	264	14999	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.93	112	4840	0.35	ng	0.00
5) Phenol-d6	7.57	99	5789	0.33	ng	0.00
8) Nitrobenzene-d5	9.63	82	4728	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	13013	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1117	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	20340	0.36	ng	0.00
25) Fluoranthene-d10	19.77	212	23610	0.33	ng	0.00
29) Terphenyl-d14	20.35	244	13780	0.40	ng	0.01

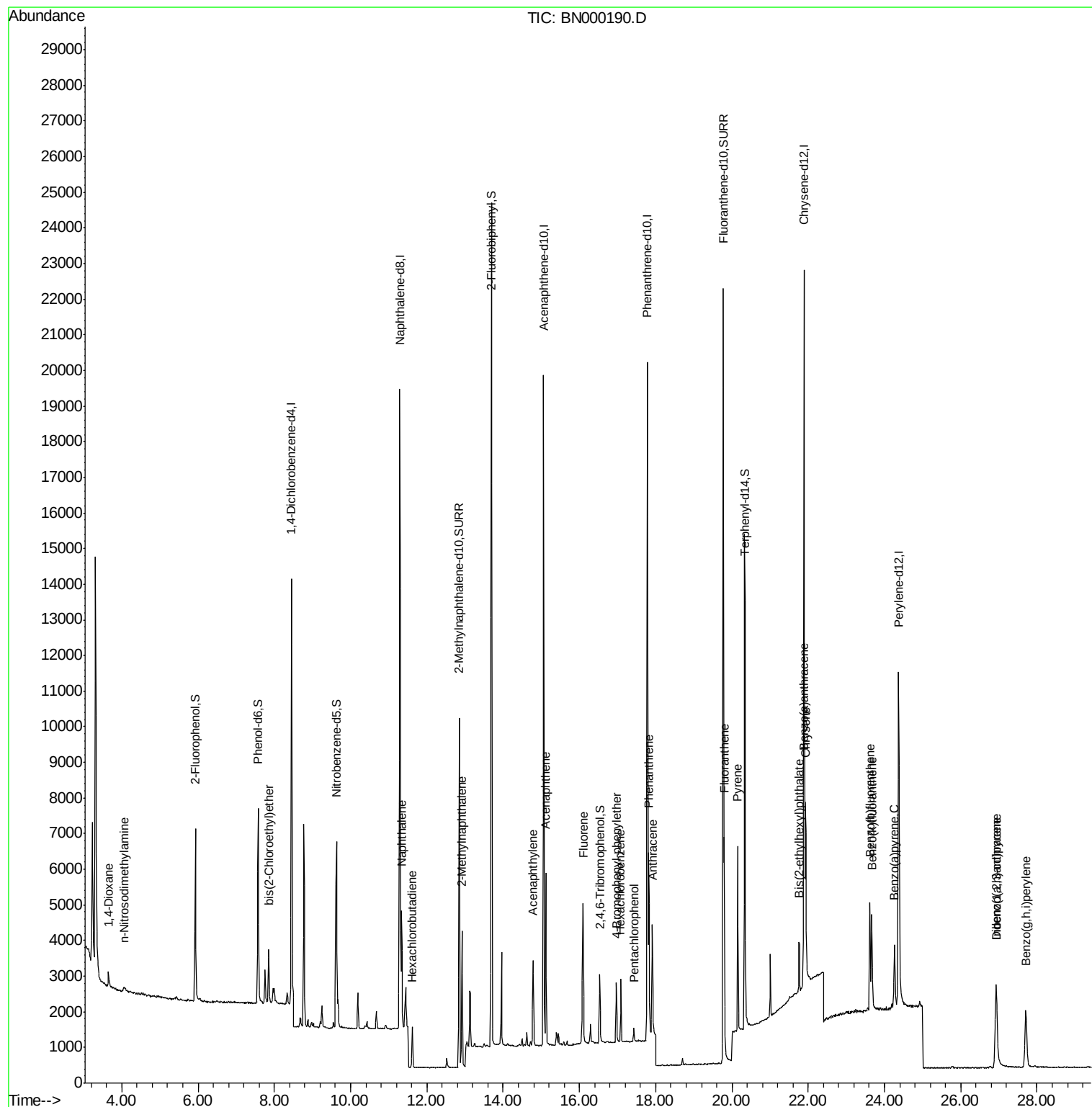
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.65	88	396	0.058	ng	# 92
3) n-Nitrosodimethylamine	4.06	42	144	0.124	ng	# 93
6) bis(2-Chloroethyl)ether	7.85	93	1297	0.058	ng	99
9) Naphthalene	11.34	128	4306	0.061	ng	# 91
10) Hexachlorobutadiene	11.62	225	737	0.062	ng	98
12) 2-Methylnaphthalene	12.92	142	2672	0.058	ng	98
16) Acenaphthylene	14.78	152	2893	0.052	ng	99
17) Acenaphthene	15.13	154	2521	0.058	ng	95
18) Fluorene	16.10	166	3034	0.056	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	818	0.053	ng	# 78
21) Hexachlorobenzene	17.09	284	1205	0.058	ng	96
22) Pentachlorophenol	17.43	266	226	0.130	ng	89
23) Phenanthrene	17.82	178	5413	0.057	ng	96
24) Anthracene	17.91	178	3540	0.049	ng	95
26) Fluoranthene	19.80	202	5229	0.053	ng	# 95
28) Pyrene	20.15	202	5144	0.067	ng	99
30) Benzo(a)anthracene	21.87	228	3407	0.056	ng	98
31) Chrysene	21.93	228	4440	0.062	ng	97
32) Bis(2-ethylhexyl)phthalate	21.76	149	1713	0.075	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.92	276	3263	0.049	ng	# 87
35) Benzo(b)fluoranthene	23.62	252	4146	0.061	ng	# 81
36) Benzo(k)fluoranthene	23.67	252	3680	0.055	ng	# 59
37) Benzo(a)pyrene	24.26	252	2937	0.053	ng	# 50
38) Dibenzo(a,h)anthracene	26.93	278	2619	0.053	ng	# 72
39) Benzo(g,h,i)perylene	27.70	276	3419	0.058	ng	# 76

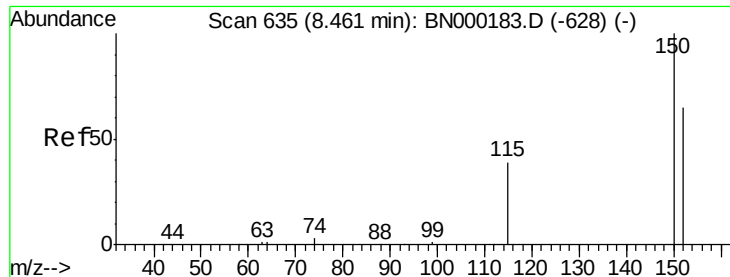
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.45 min Scan# 634

Delta R.T. -0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

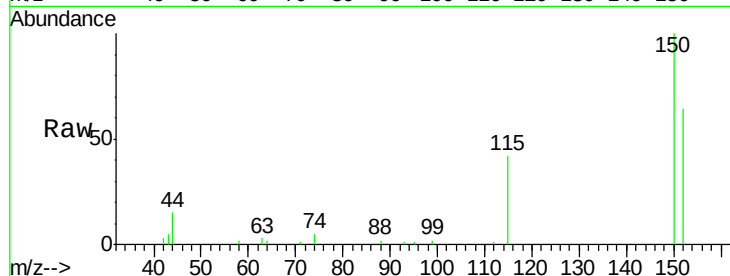
Tgt Ion:152 Resp: 6601

Ion Ratio Lower Upper

152 100

150 156.3 117.2 175.8

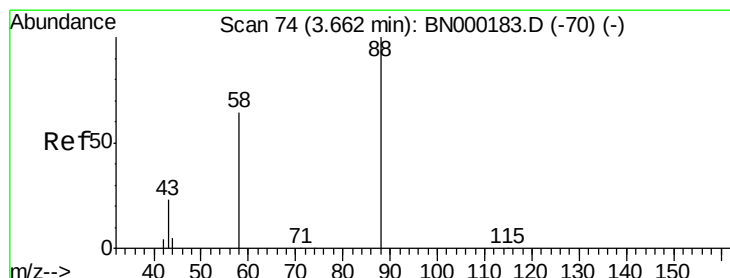
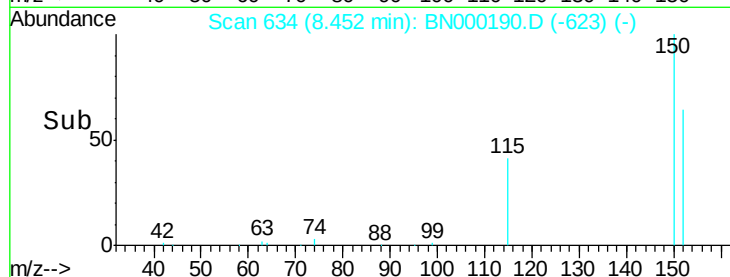
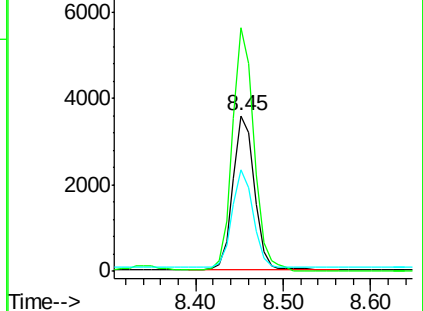
115 65.3 57.0 85.6



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



#2

1,4-Dioxane

Concen: 0.058 ng

RT: 3.65 min Scan# 73

Delta R.T. -0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

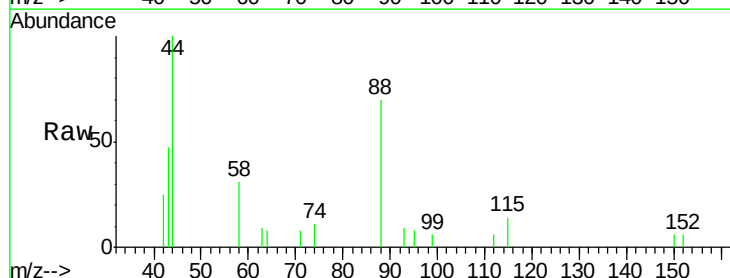
Tgt Ion: 88 Resp: 396

Ion Ratio Lower Upper

88 100

58 63.6 48.0 72.0

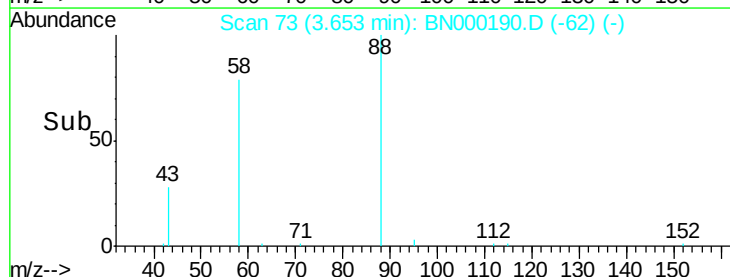
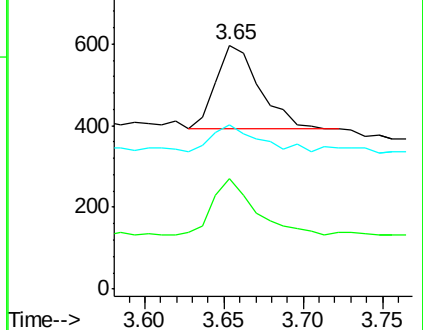
43 32.6 20.0 30.0#

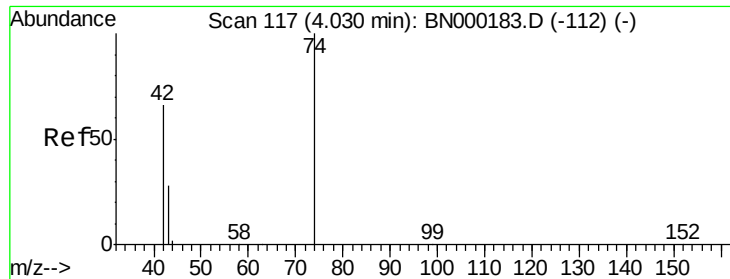


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



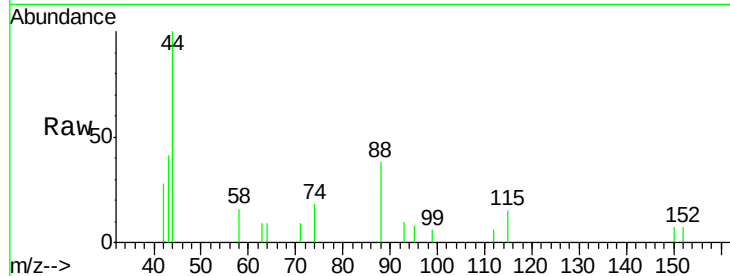


#3

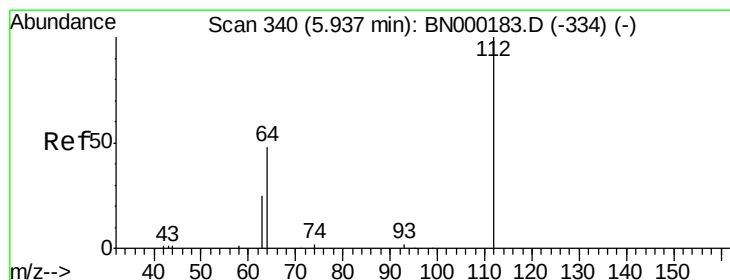
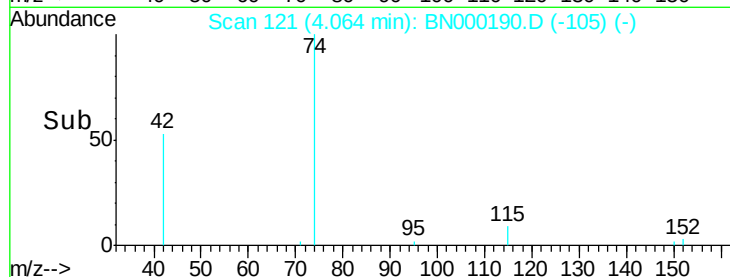
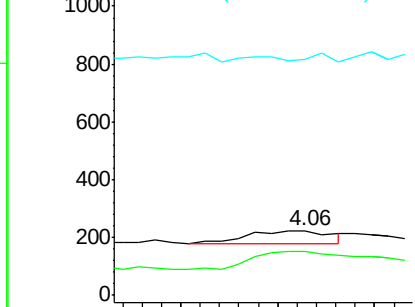
n-Nitrosodimethylamine
Concen: 0.124 ng
RT: 4.06 min Scan# 121
Delta R.T. 0.04 min
Lab File: BN000190.D
Acq: 27 Feb 2018 14:46

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Tgt Ion: 42 Resp: 144
Ion Ratio Lower Upper
42 100
74 142.4 120.0 180.0
44 12.5 4.0 6.0#



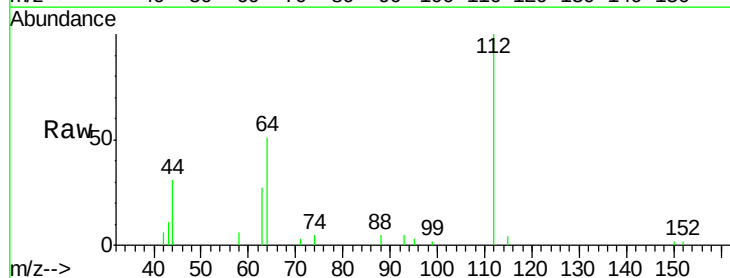
Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



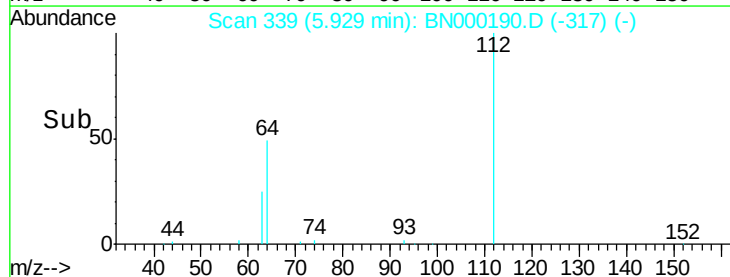
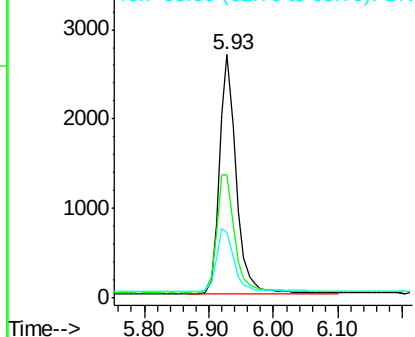
#4

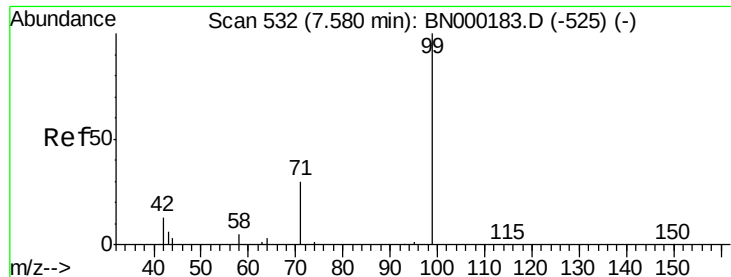
2-Fluorophenol
Concen: 0.347 ng
RT: 5.93 min Scan# 339
Delta R.T. -0.01 min
Lab File: BN000190.D
Acq: 27 Feb 2018 14:46

Tgt Ion: 112 Resp: 4840
Ion Ratio Lower Upper
112 100
64 53.3 60.1 90.1#
63 27.7 116.8 175.2#



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: 0.327 ng

RT: 7.57 min Scan# 531

Delta R.T. -0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

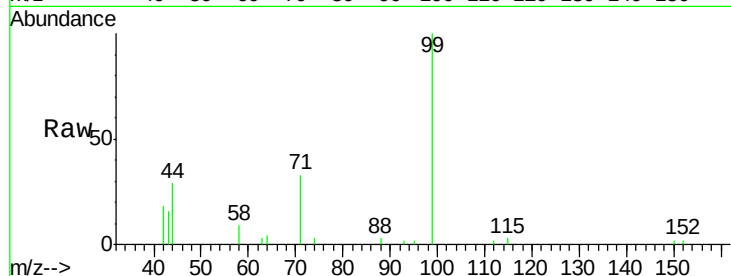
Tgt Ion: 99 Resp: 5789

Ion Ratio Lower Upper

99 100

42 15.2 20.2 30.2#

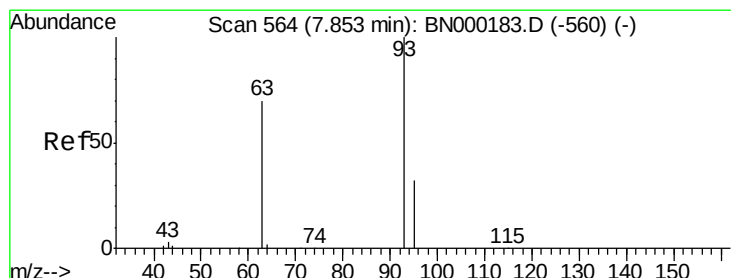
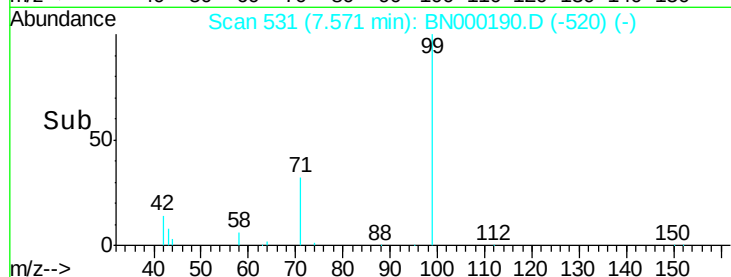
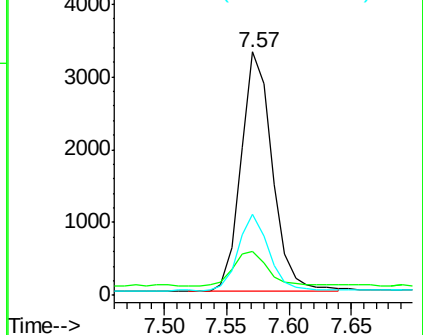
71 31.1 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN000183.D (-525) (-)

Ion 42.00 (41.70 to 42.70): BN000183.D (-525) (-)

Ion 71.00 (70.70 to 71.70): BN000183.D (-525) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.058 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

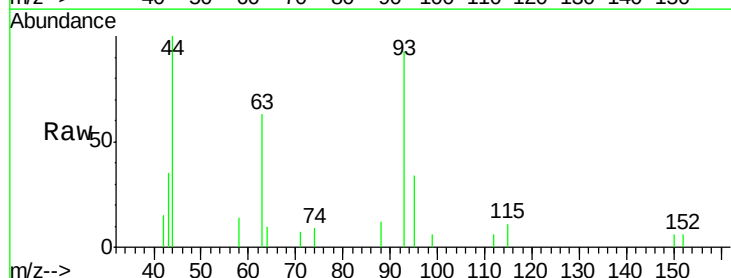
Tgt Ion: 93 Resp: 1297

Ion Ratio Lower Upper

93 100

63 68.9 56.0 84.0

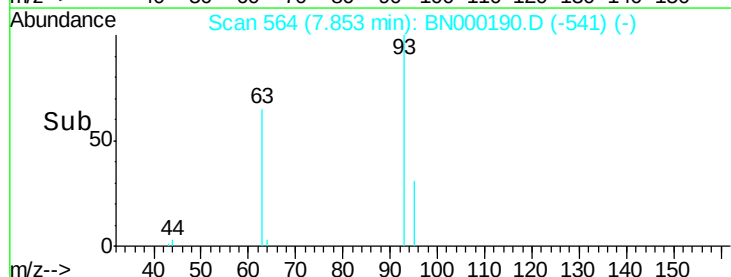
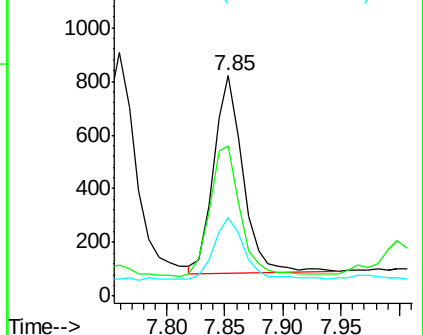
95 32.2 25.2 37.8

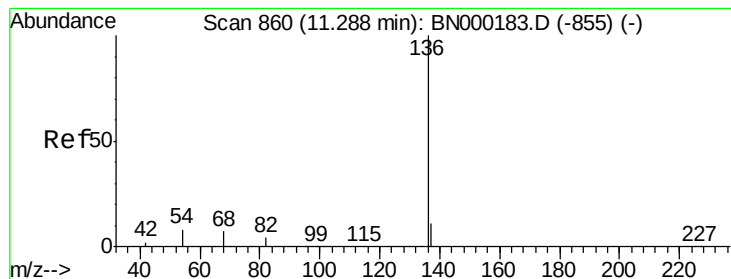


Abundance Ion 93.00 (92.70 to 93.70): BN000183.D (-560) (-)

Ion 63.00 (62.70 to 63.70): BN000183.D (-560) (-)

Ion 95.00 (94.70 to 95.70): BN000183.D (-560) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

Tgt Ion:136 Resp: 24055

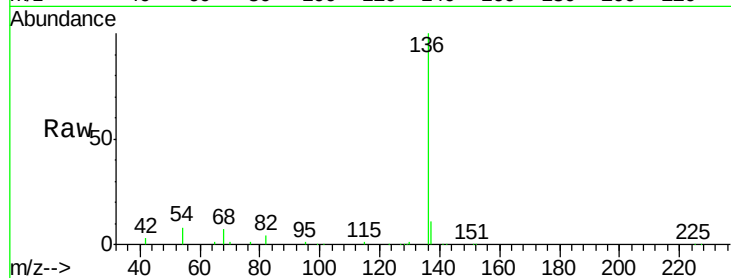
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 8.2 29.1 43.7#

68 7.5 6.2 9.2

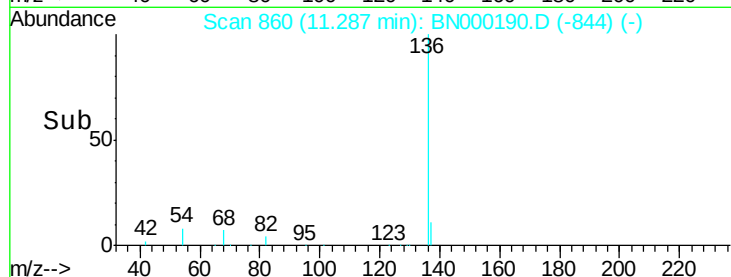


Abundance Ion 136.00 (135.70 to 136.70): E

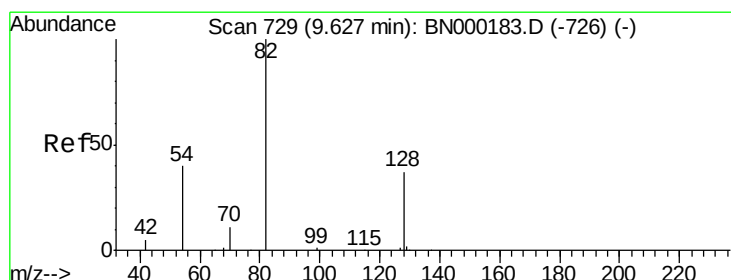
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.331 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

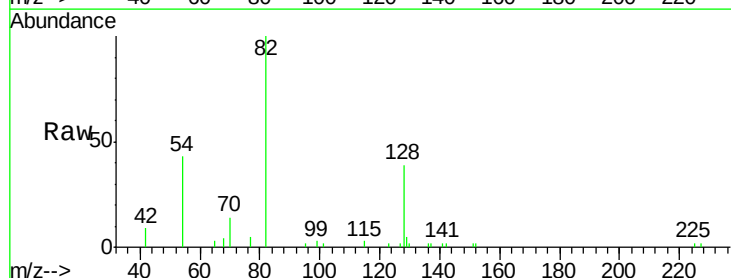
Tgt Ion: 82 Resp: 4728

Ion Ratio Lower Upper

82 100

128 39.4 150.0 225.0#

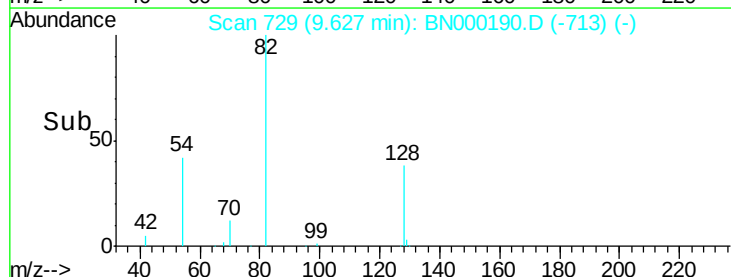
54 43.4 154.2 231.4#



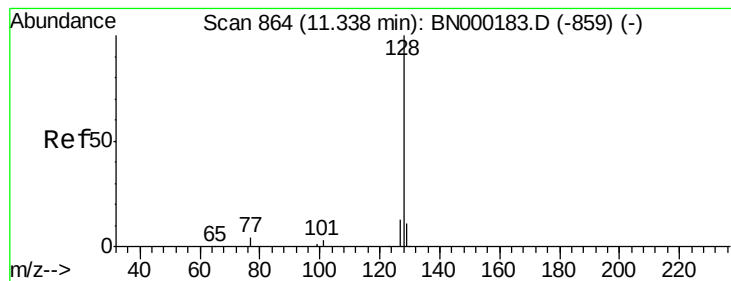
Abundance Ion 82.00 (81.70 to 82.70): BNC

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: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

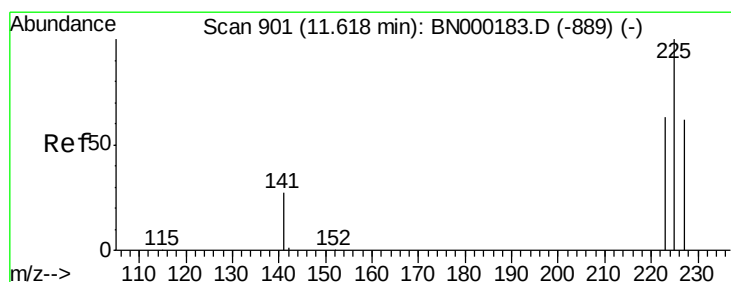
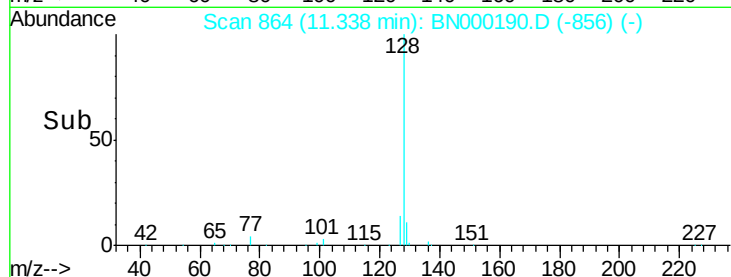
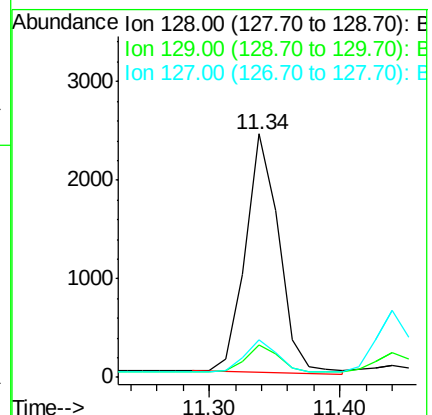
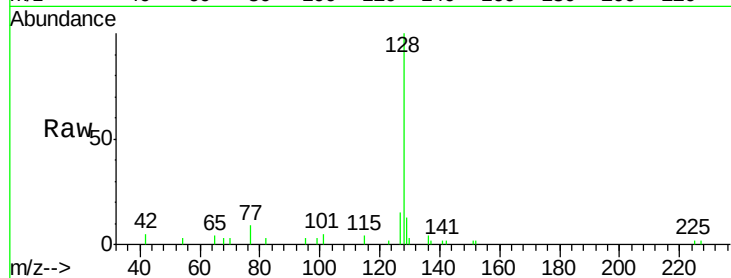
Tgt Ion:128 Resp: 4306

Ion Ratio Lower Upper

128 100

129 13.1 8.0 12.0#

127 15.4 9.6 14.4#



#10

Hexachlorobutadiene

Concen: 0.062 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

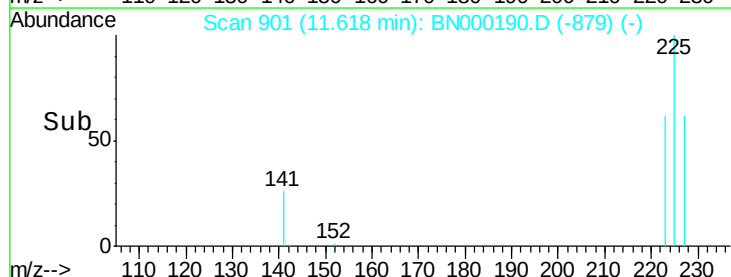
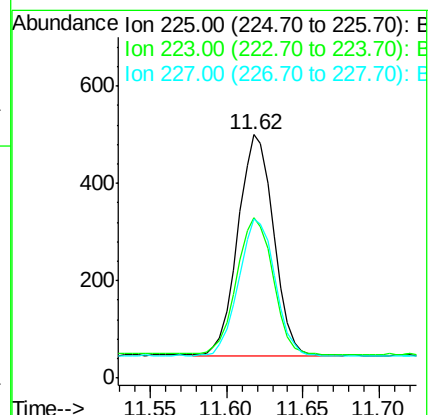
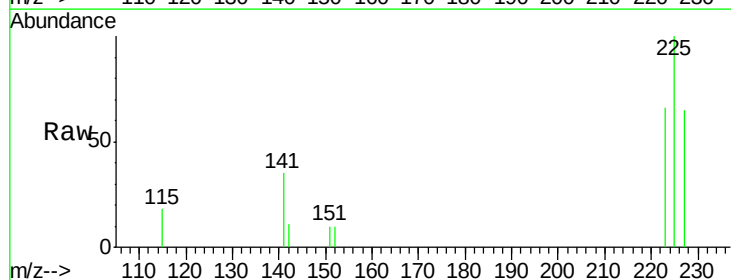
Tgt Ion:225 Resp: 737

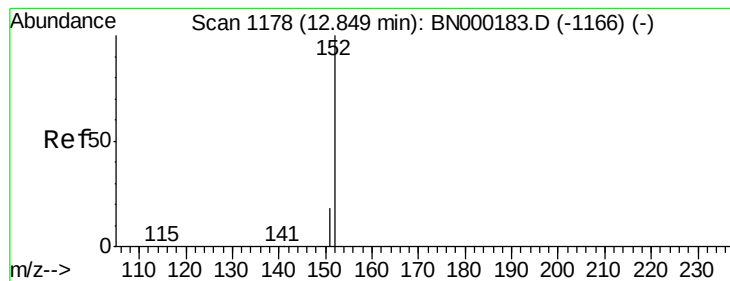
Ion Ratio Lower Upper

225 100

223 63.6 53.0 79.6

227 63.1 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.359 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

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ClientSampleId :

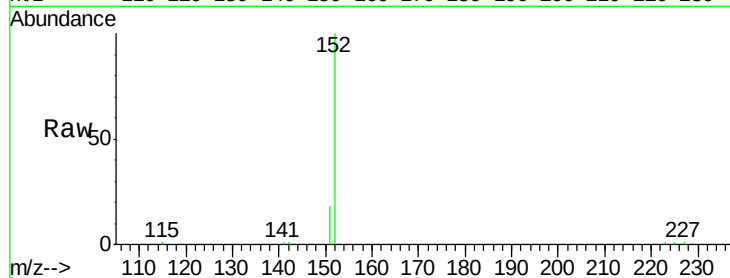
MDL-W-01

Tgt Ion:152 Resp: 13013

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.0

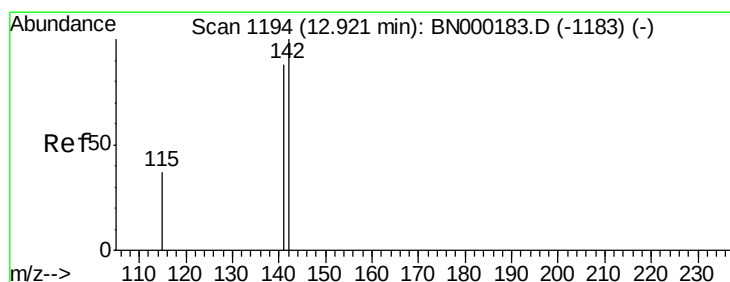
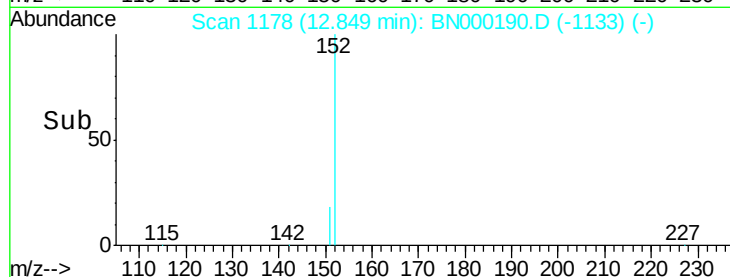


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.85

Time-->



#12

2-Methylnaphthalene

Concen: 0.058 ng

RT: 12.92 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

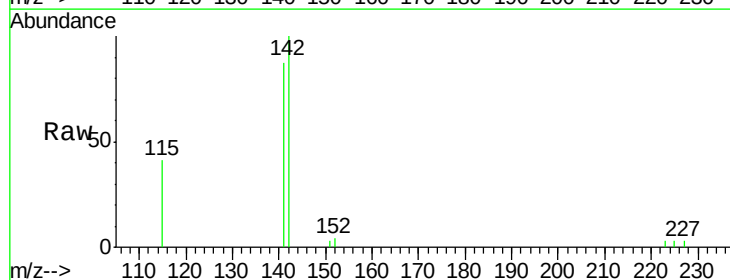
Tgt Ion:142 Resp: 2672

Ion Ratio Lower Upper

142 100

141 86.8 70.4 105.6

115 41.0 31.7 47.5



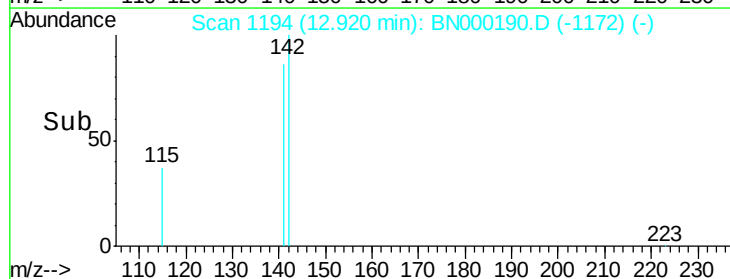
Abundance Ion 142.00 (141.70 to 142.70): E

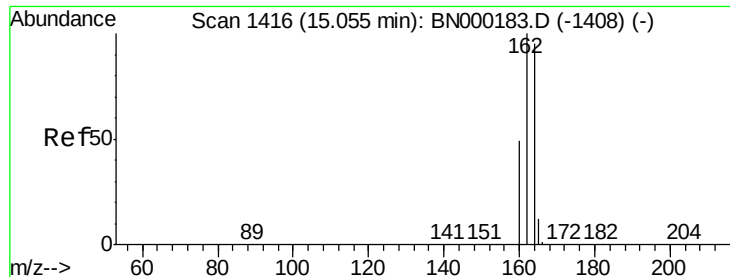
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.92

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.07 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

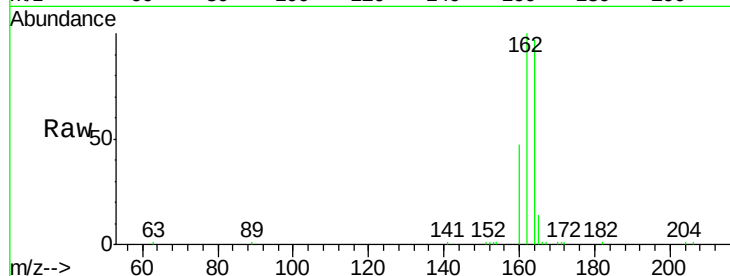
Tgt Ion:164 Resp: 11765

Ion Ratio Lower Upper

164 100

162 102.7 83.1 124.7

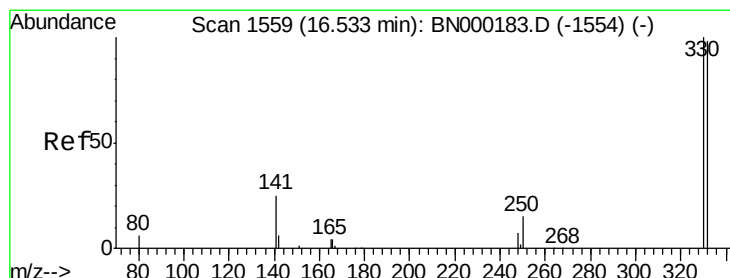
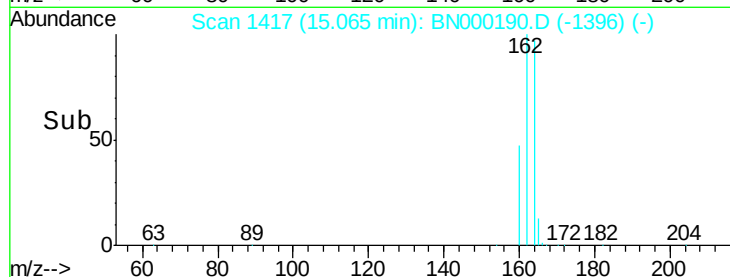
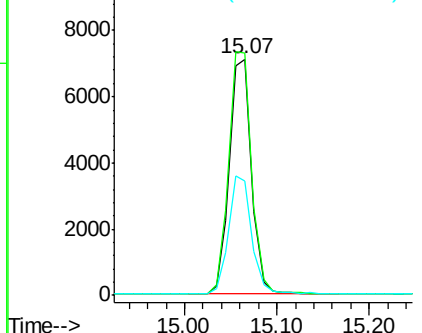
160 48.3 37.1 55.7



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: 0.299 ng

RT: 16.53 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

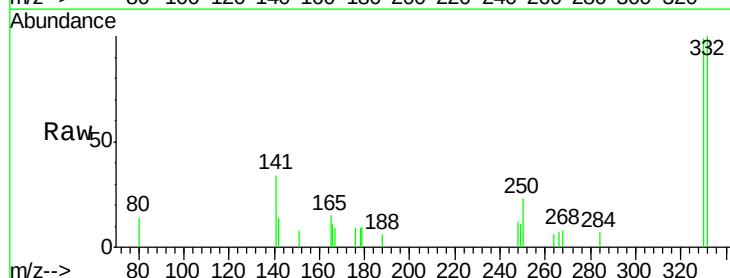
Tgt Ion:330 Resp: 1117

Ion Ratio Lower Upper

330 100

332 96.8 152.7 229.1#

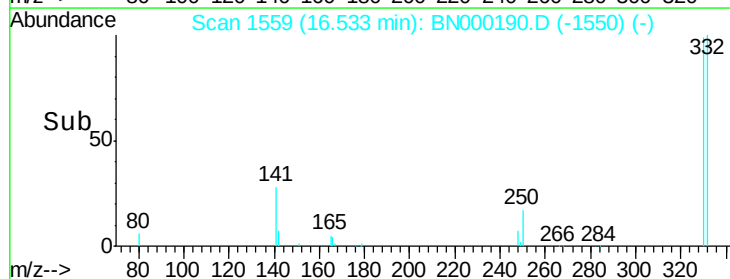
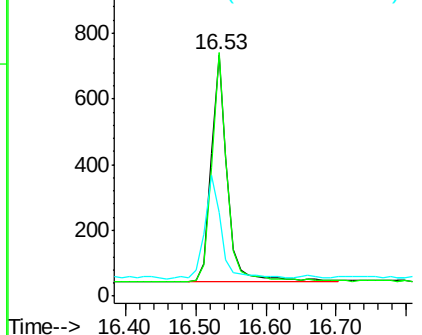
141 44.1 33.7 50.5

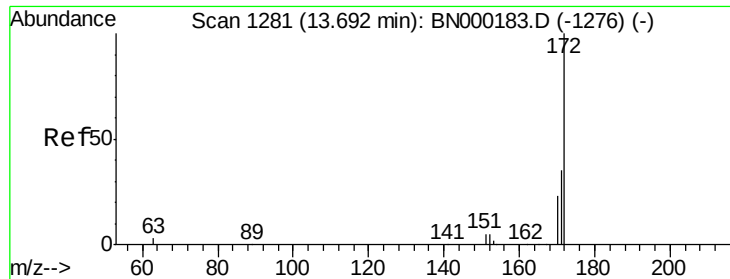


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

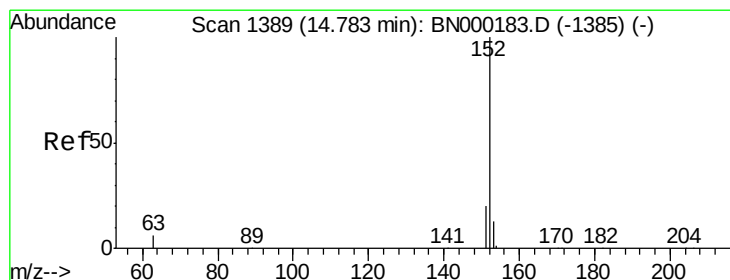
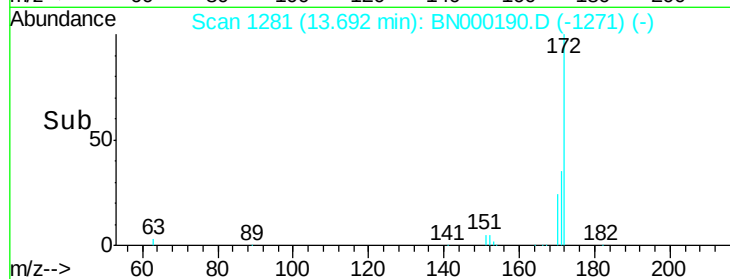
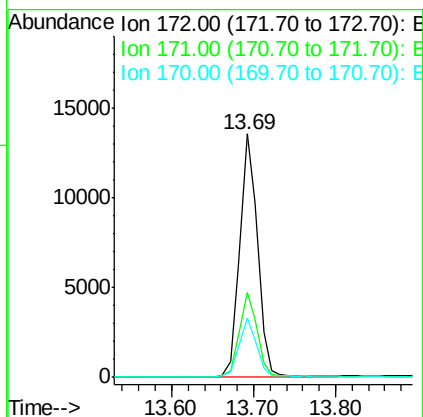
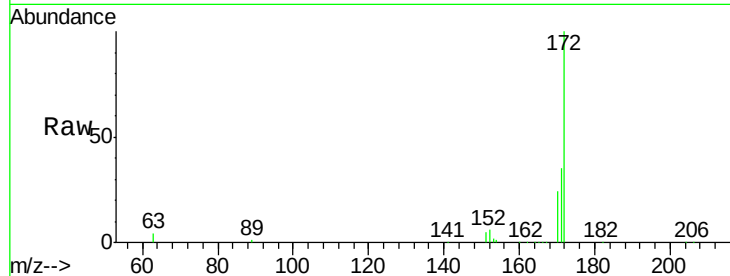




#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000190.D
Acq: 27 Feb 2018 14:46

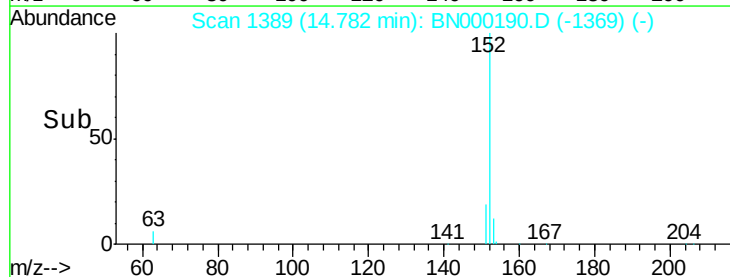
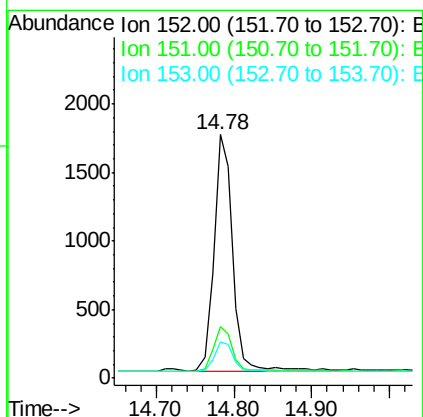
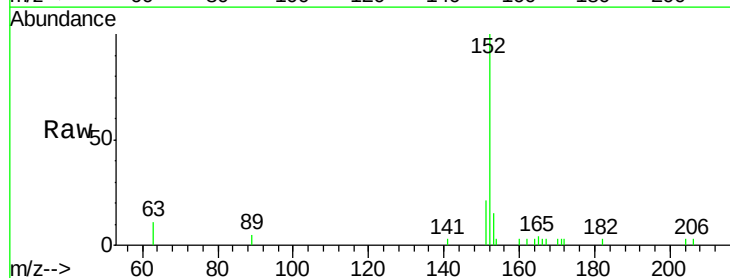
Instrument :
BNA_N
ClientSampleId :
MDL-W-01

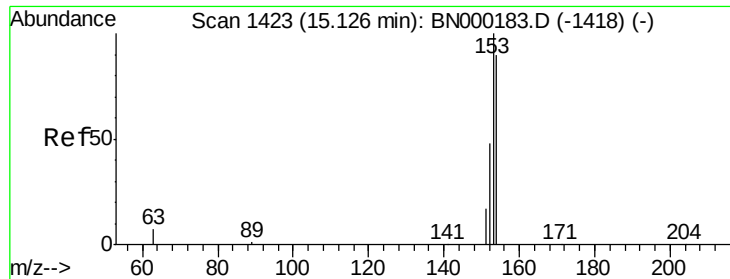
Tgt Ion:172 Resp: 20340
Ion Ratio Lower Upper
172 100
171 35.1 29.9 44.9
170 24.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.052 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000190.D
Acq: 27 Feb 2018 14:46

Tgt Ion:152 Resp: 2893
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.0 10.5 15.7

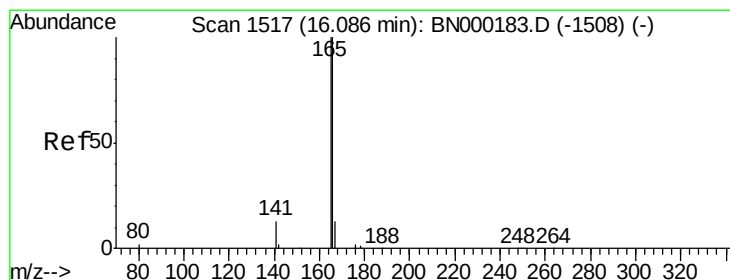
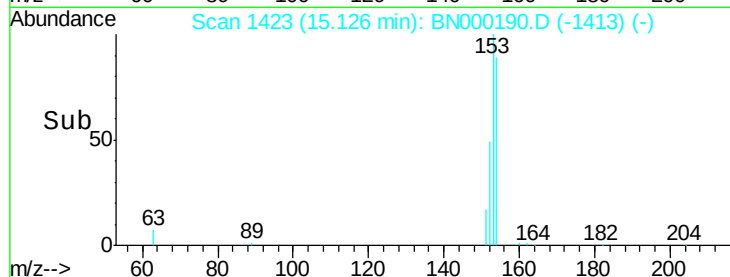
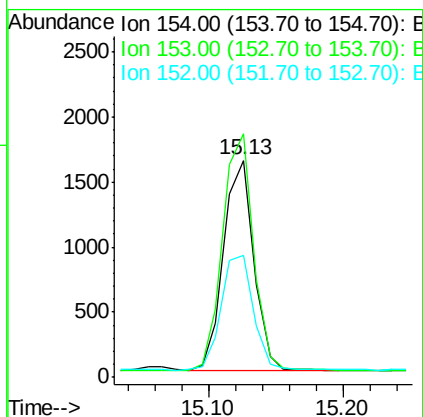
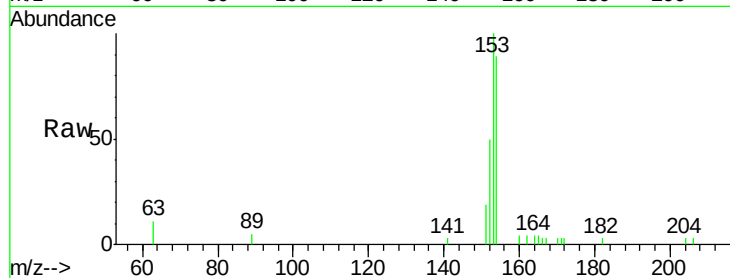




#17
Acenaphthene
Concen: 0.058 ng
RT: 15.13 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN000190.D
Acq: 27 Feb 2018 14:46

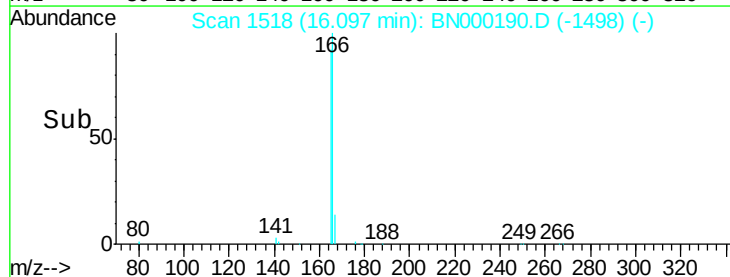
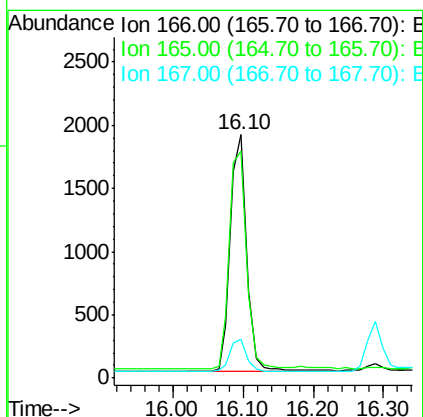
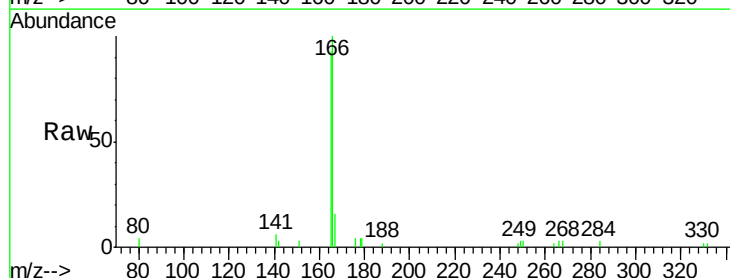
Instrument :
BNA_N
ClientSampleId :
MDL-W-01

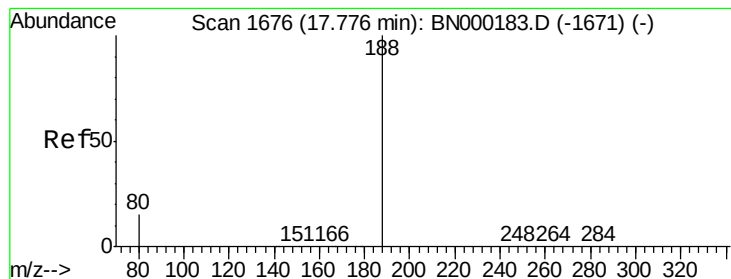
Tgt Ion:154 Resp: 2521
Ion Ratio Lower Upper
154 100
153 114.6 89.2 133.8
152 58.3 42.0 63.0



#18
Fluorene
Concen: 0.056 ng
RT: 16.10 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BN000190.D
Acq: 27 Feb 2018 14:46

Tgt Ion:166 Resp: 3034
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.6
167 13.7 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

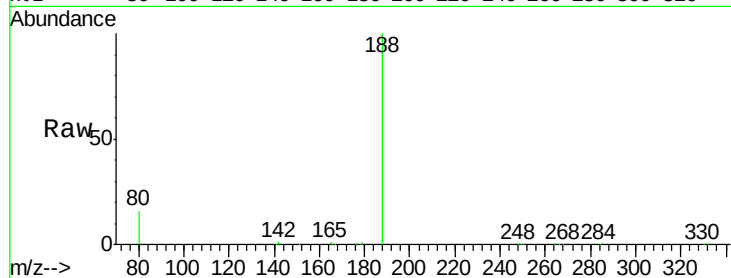
Tgt Ion:188 Resp: 26964

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

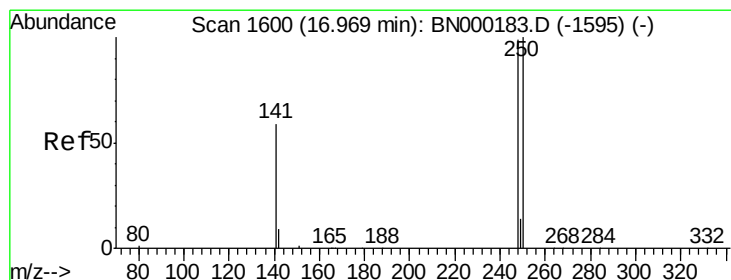
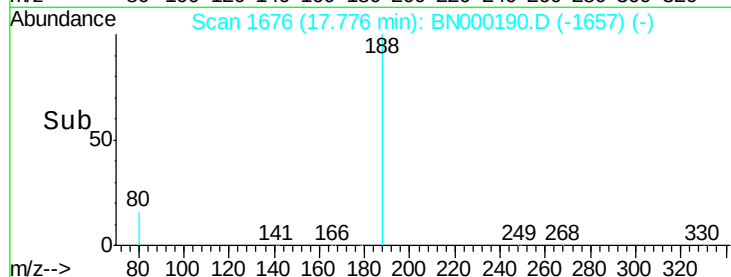
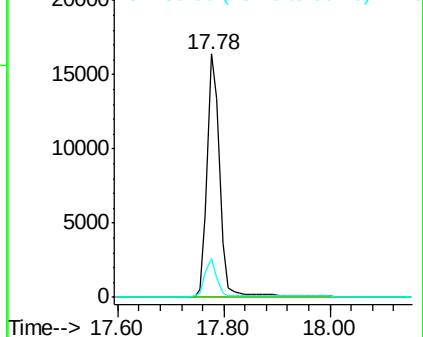
80 16.2 3.6 5.4#



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: 0.053 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

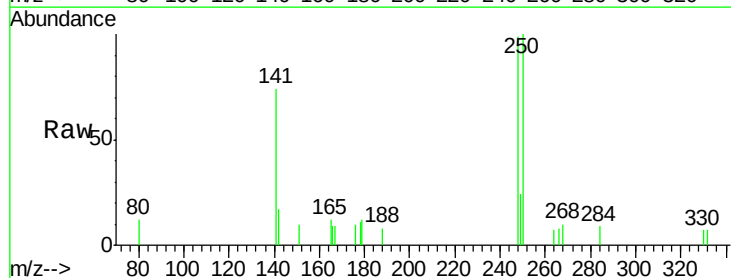
Tgt Ion:248 Resp: 818

Ion Ratio Lower Upper

248 100

250 100.7 62.7 94.1#

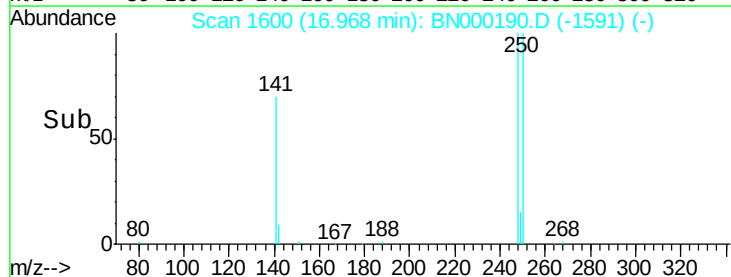
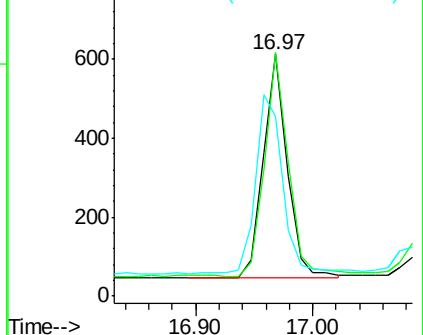
141 74.1 48.2 72.2#

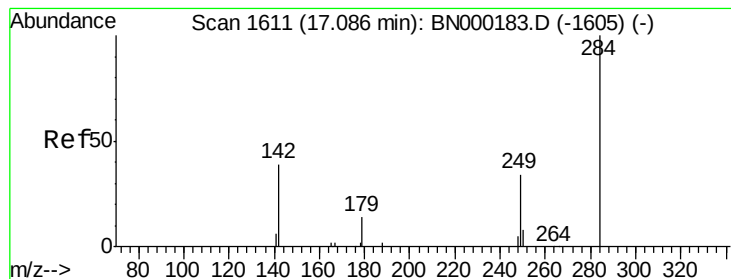


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.058 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

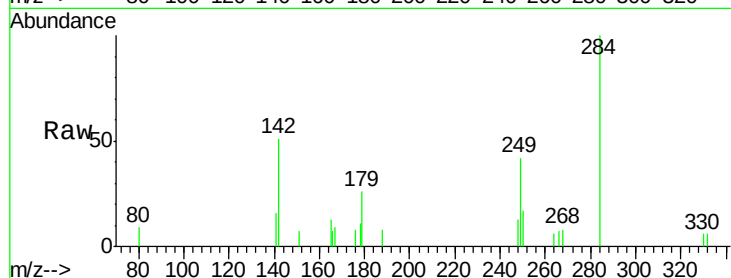
Tgt Ion:284 Resp: 1205

Ion Ratio Lower Upper

284 100

142 43.0 32.0 48.0

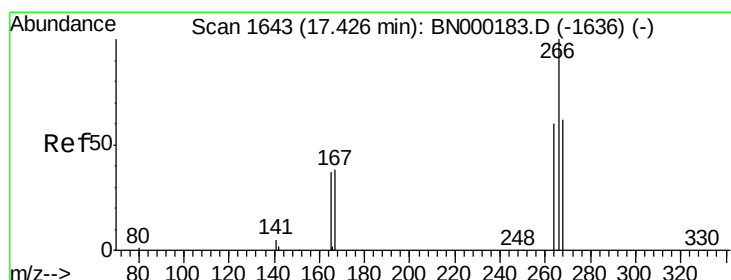
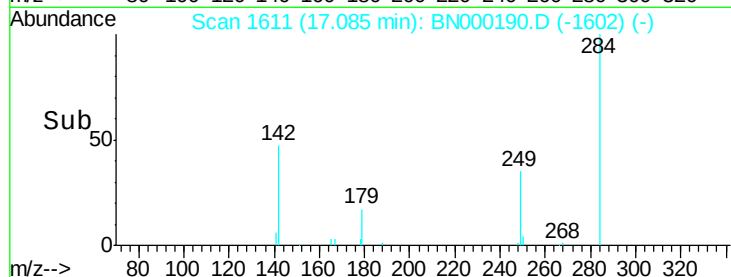
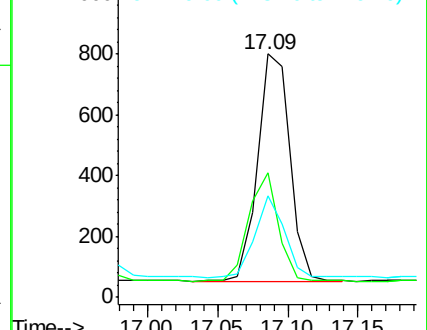
249 32.1 24.0 36.0



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: 0.130 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

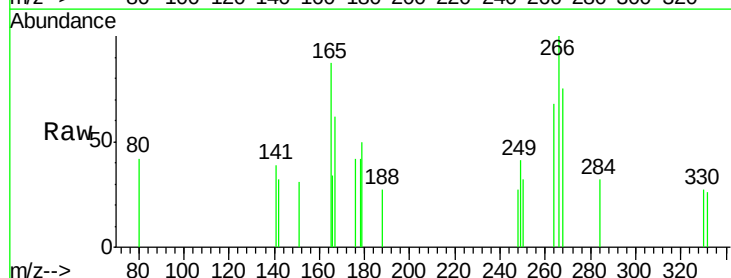
Tgt Ion:266 Resp: 226

Ion Ratio Lower Upper

266 100

264 67.8 48.0 72.0

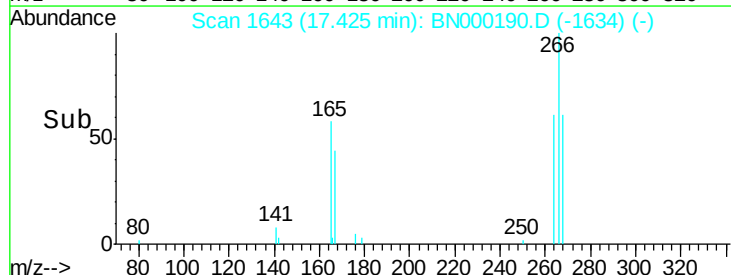
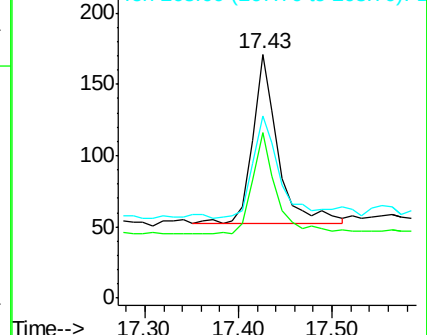
268 74.9 52.0 78.0

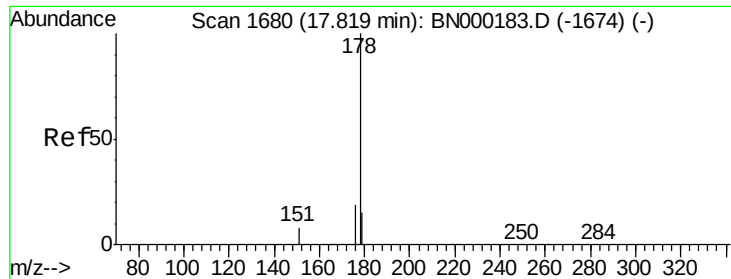


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.057 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

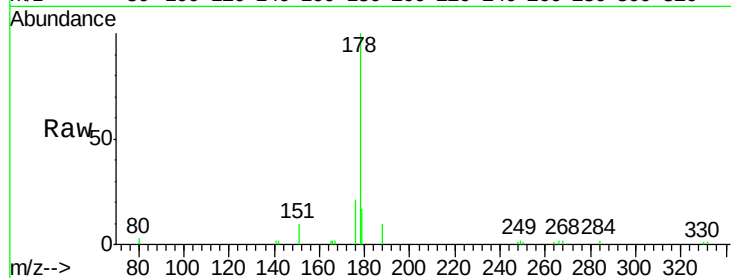
Tgt Ion:178 Resp: 5413

Ion Ratio Lower Upper

178 100

176 20.6 15.1 22.7

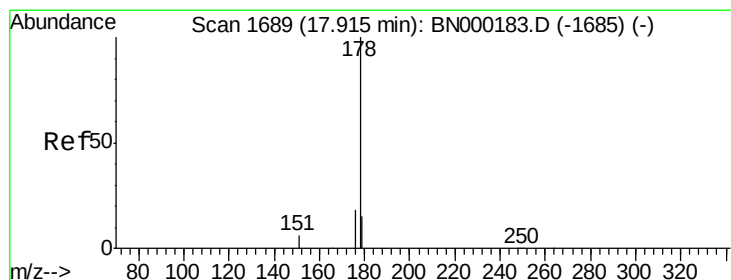
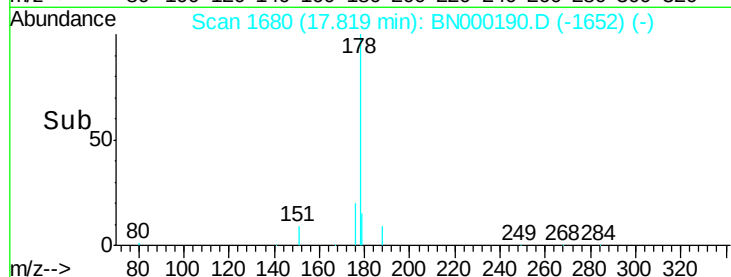
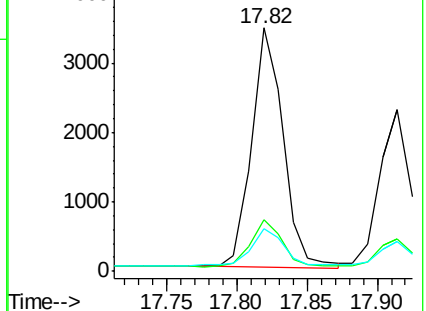
179 16.5 11.8 17.6



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: 0.049 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

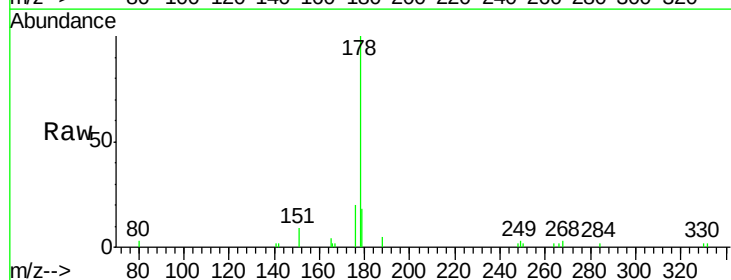
Tgt Ion:178 Resp: 3540

Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

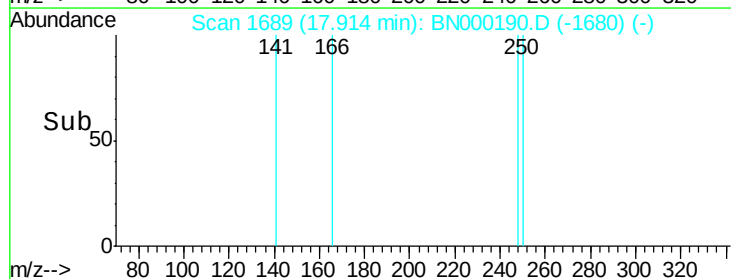
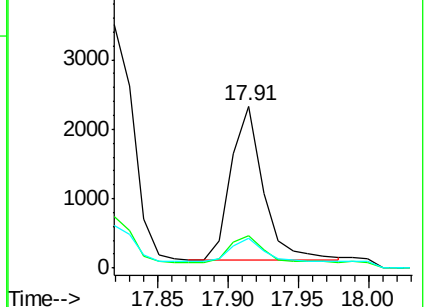
179 15.1 13.0 19.6

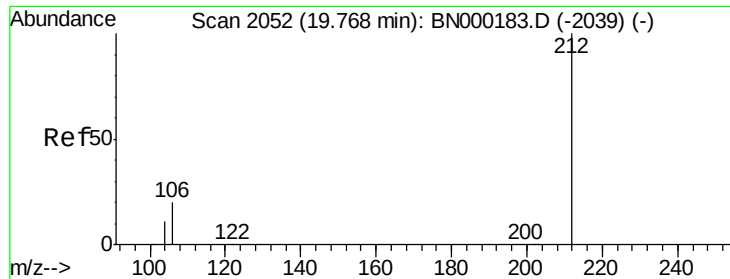


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.328 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

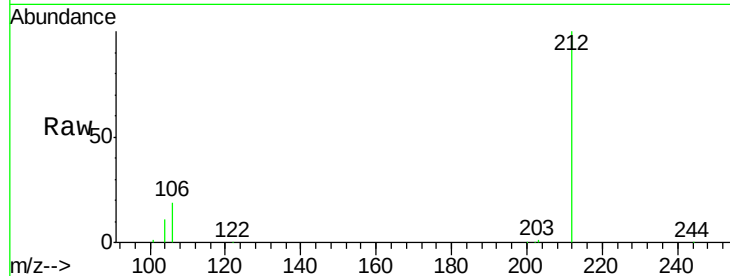
Tgt Ion:212 Resp: 23610

Ion Ratio Lower Upper

212 100

106 19.2 2.8 4.2#

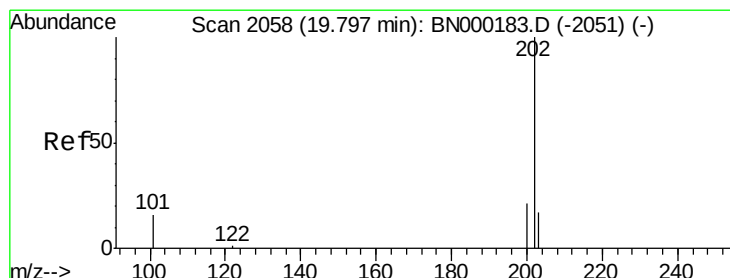
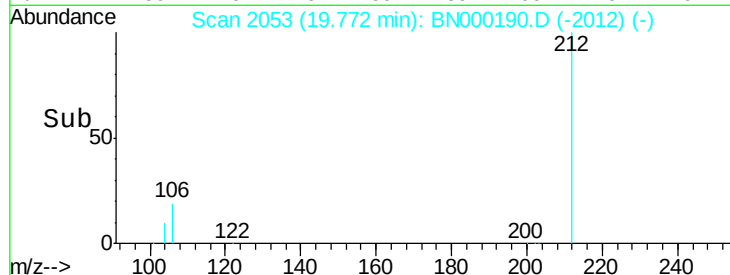
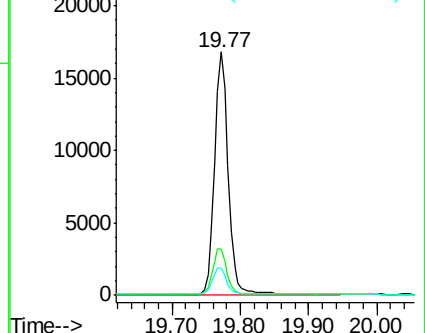
104 10.7 1.6 2.4#



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# 2059

Delta R.T. 0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

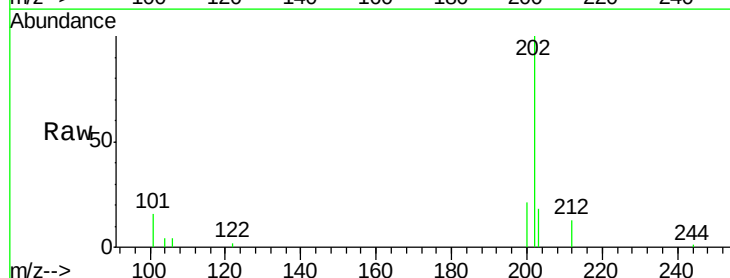
Tgt Ion:202 Resp: 5229

Ion Ratio Lower Upper

202 100

101 16.9 9.8 14.8#

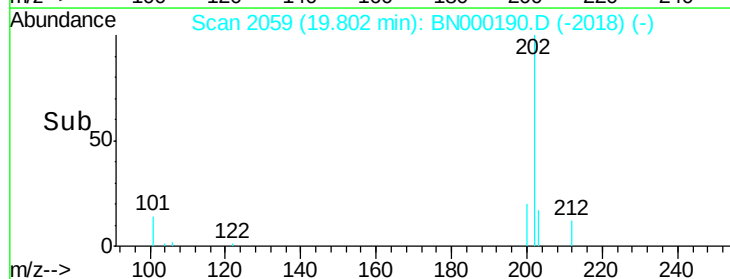
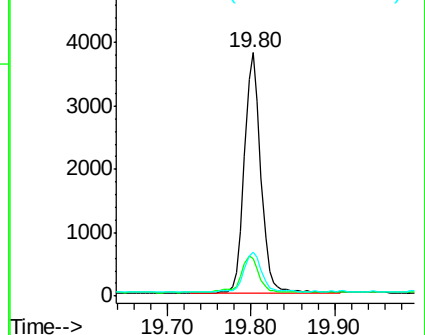
203 17.0 13.7 20.5

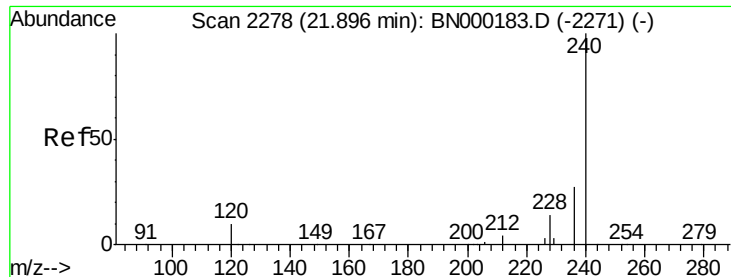


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

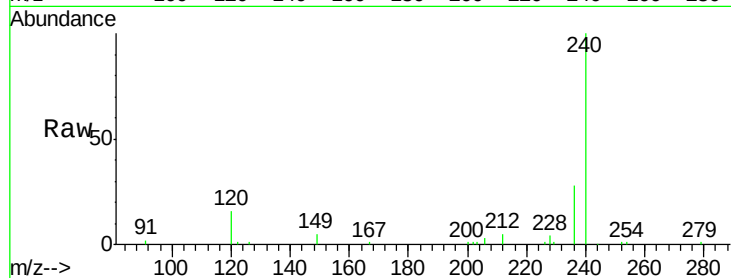
Tgt Ion:240 Resp: 19424

Ion Ratio Lower Upper

240 100

120 15.6 5.5 8.3#

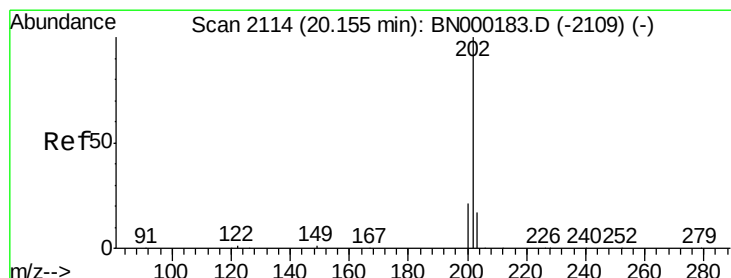
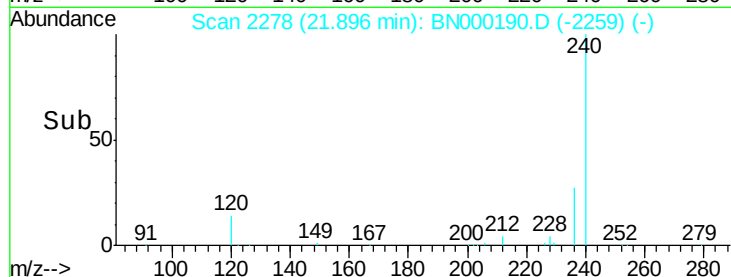
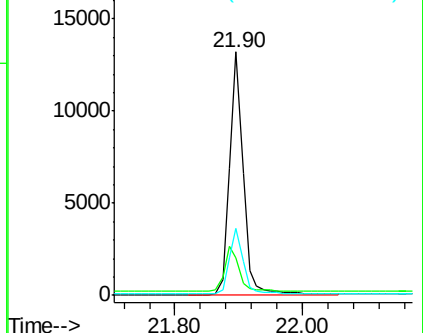
236 27.5 20.7 31.1



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: 0.067 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

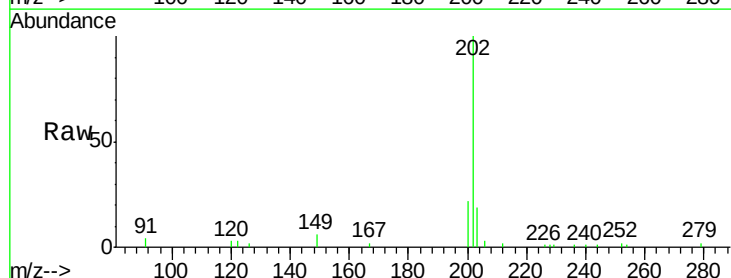
Tgt Ion:202 Resp: 5144

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

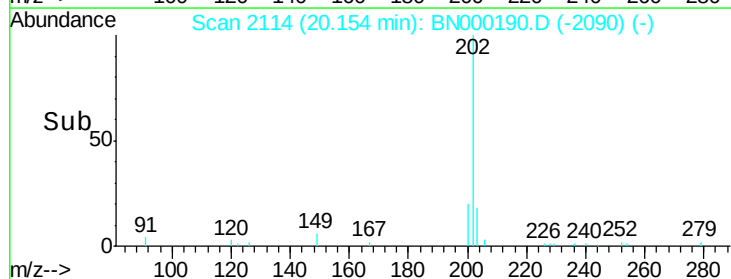
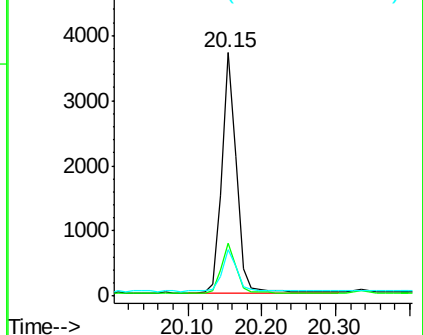
203 17.8 13.8 20.8

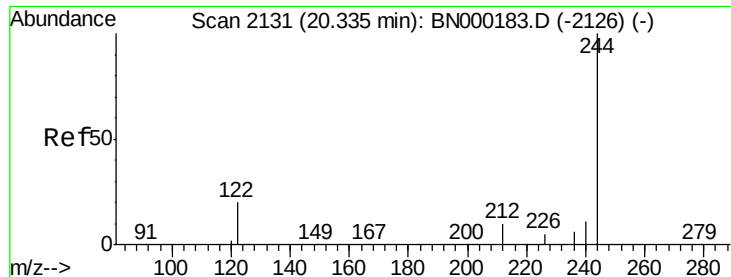


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.404 ng

RT: 20.35 min Scan# 2132

Delta R.T. 0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

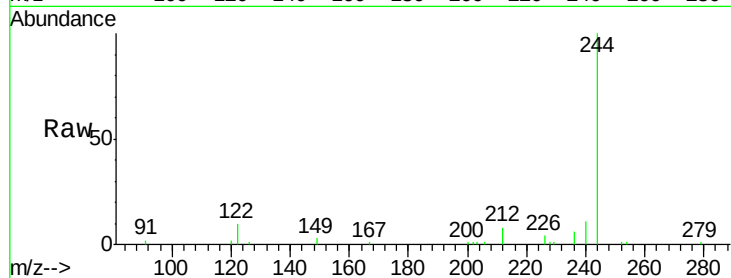
Tgt Ion:244 Resp: 13780

Ion Ratio Lower Upper

244 100

212 7.9 25.4 38.0#

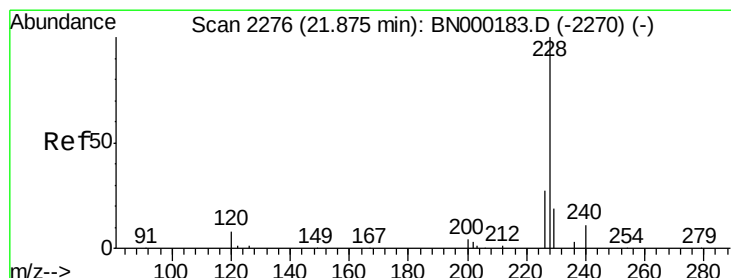
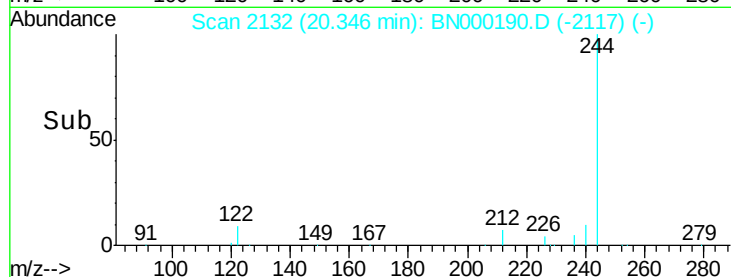
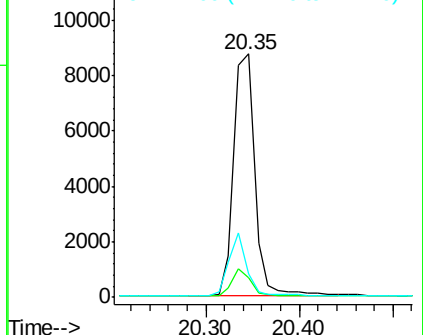
122 9.8 8.1 12.1



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: 0.056 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

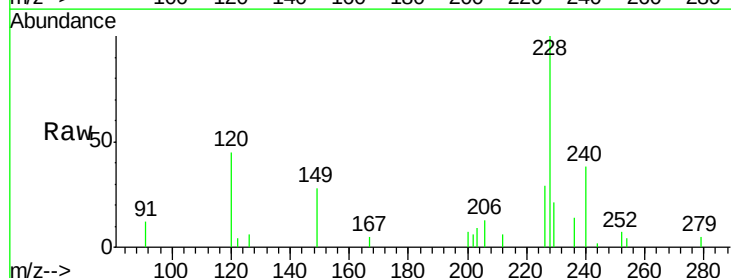
Tgt Ion:228 Resp: 3407

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

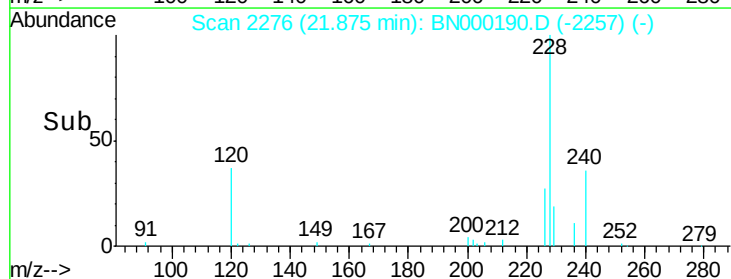
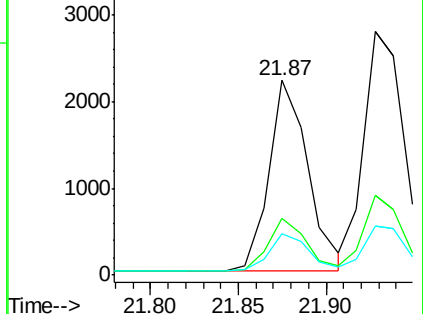
229 20.9 16.0 24.0

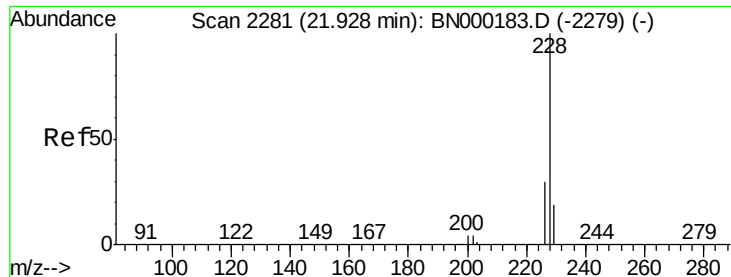


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.062 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

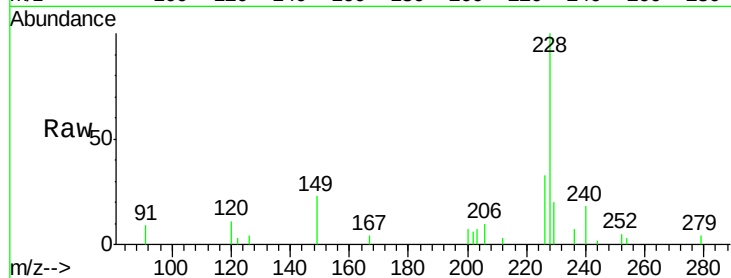
Tgt Ion:228 Resp: 4440

Ion Ratio Lower Upper

228 100

226 32.7 24.0 36.0

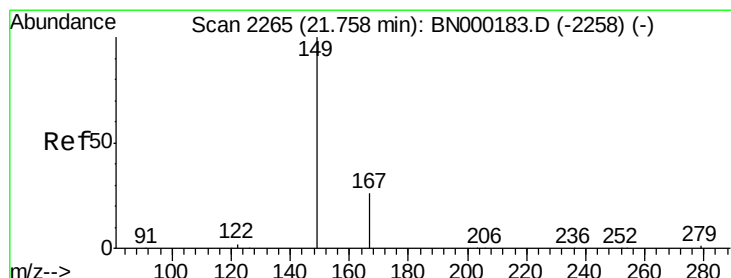
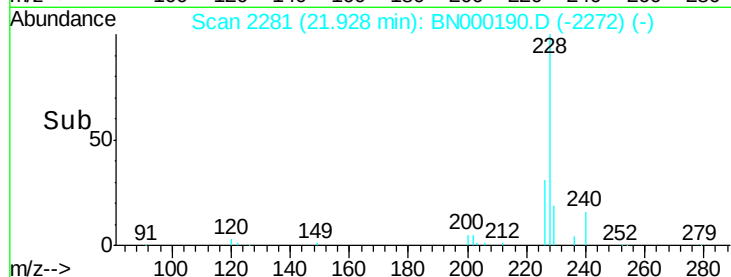
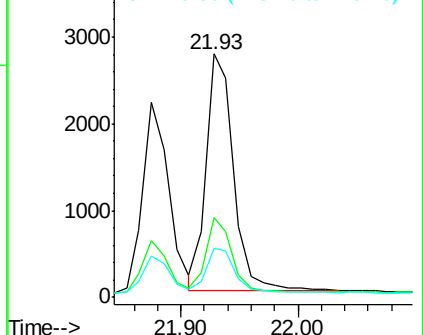
229 20.2 16.0 24.0



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: 0.075 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

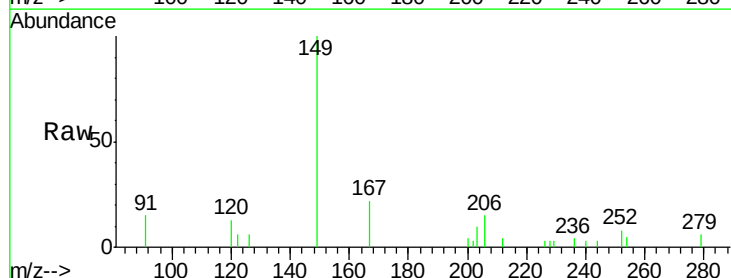
Tgt Ion:149 Resp: 1713

Ion Ratio Lower Upper

149 100

167 24.9 20.0 30.0

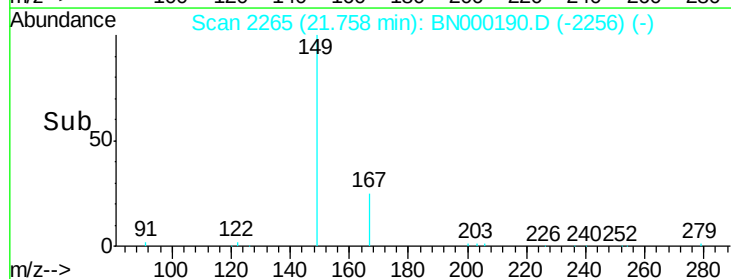
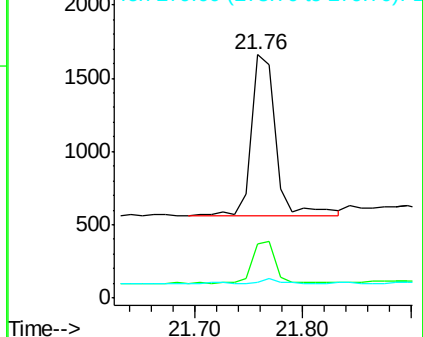
279 2.7 1.6 2.4#

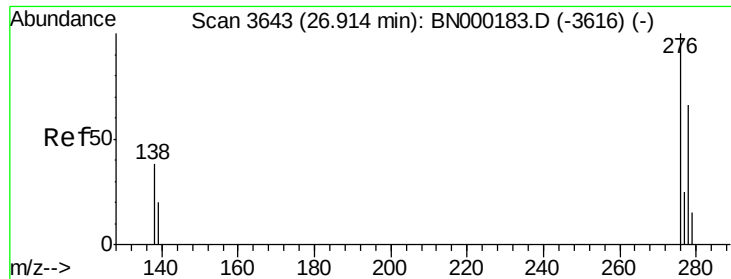


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.049 ng

RT: 26.92 min Scan# 3646

Delta R.T. 0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

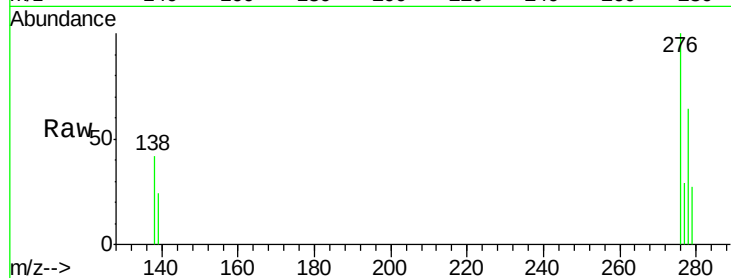
Tgt Ion:276 Resp: 3263

Ion Ratio Lower Upper

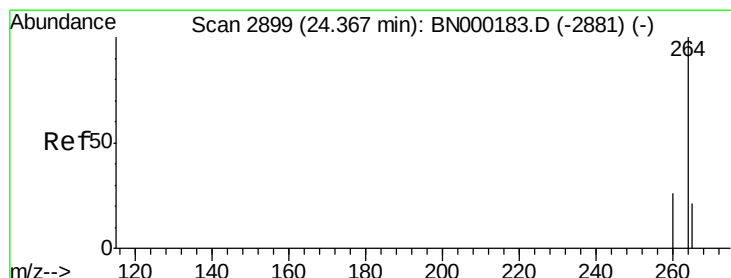
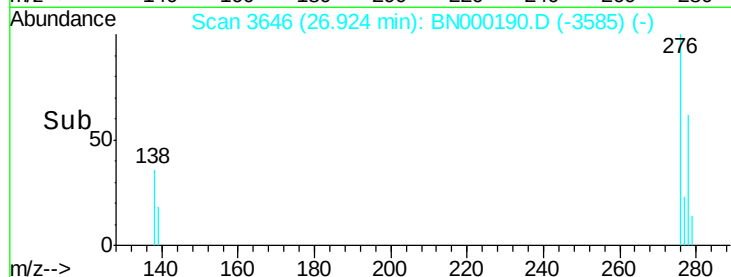
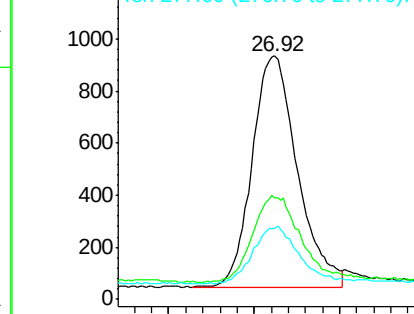
276 100

138 40.4 22.5 33.7#

277 24.7 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# 2901

Delta R.T. 0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

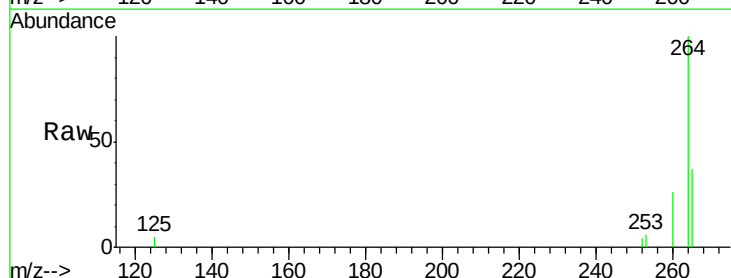
Tgt Ion:264 Resp: 14999

Ion Ratio Lower Upper

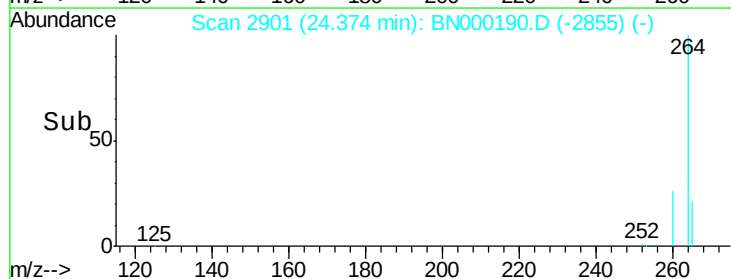
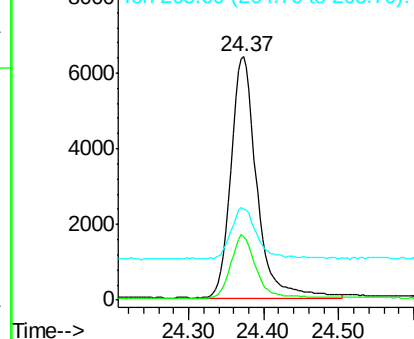
264 100

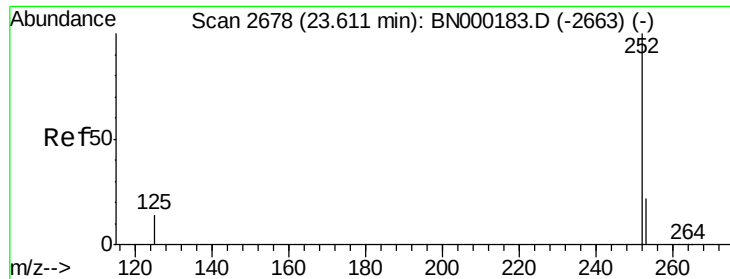
260 26.1 20.5 30.7

265 37.3 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: 0.061 ng

RT: 23.62 min Scan# 2680

Delta R.T. 0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

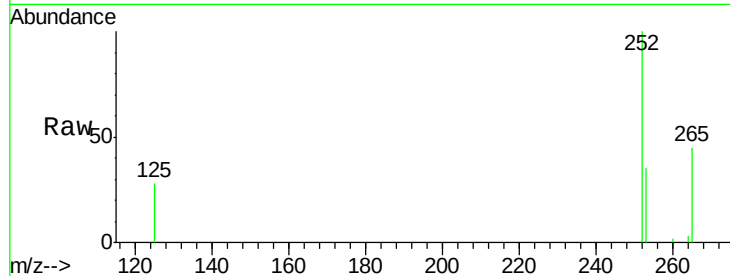
Tgt Ion:252 Resp: 4146

Ion Ratio Lower Upper

252 100

253 35.5 20.0 30.0#

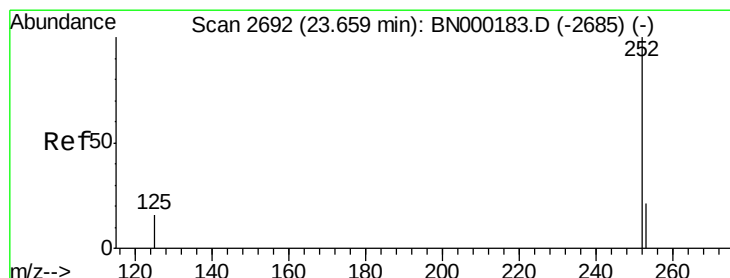
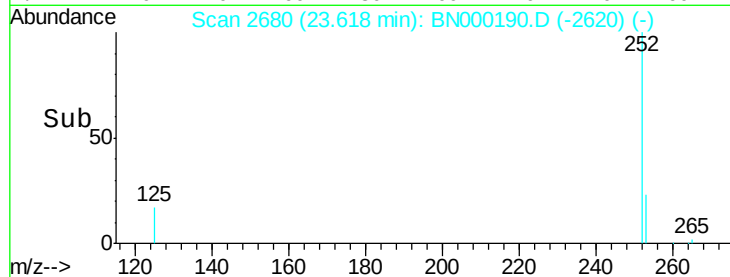
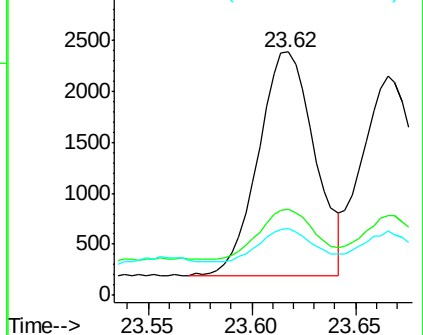
125 27.6 16.0 24.0#



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: 0.055 ng

RT: 23.67 min Scan# 2694

Delta R.T. 0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

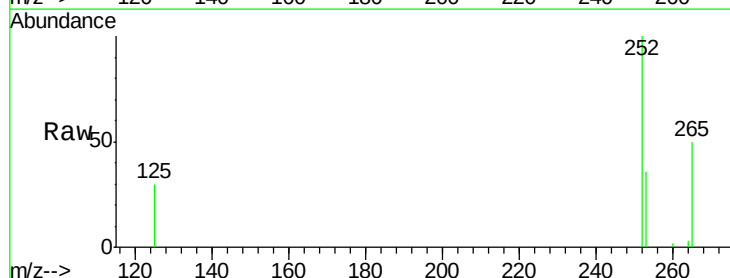
Tgt Ion:252 Resp: 3680

Ion Ratio Lower Upper

252 100

253 36.2 16.0 24.0#

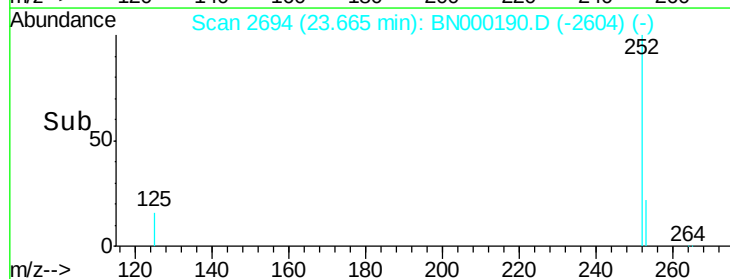
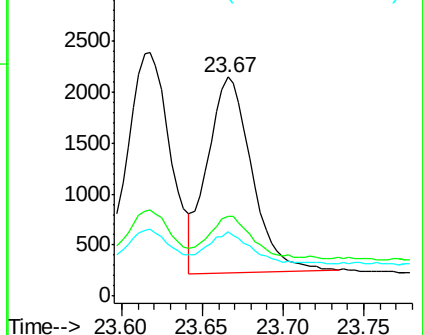
125 29.6 8.0 12.0#

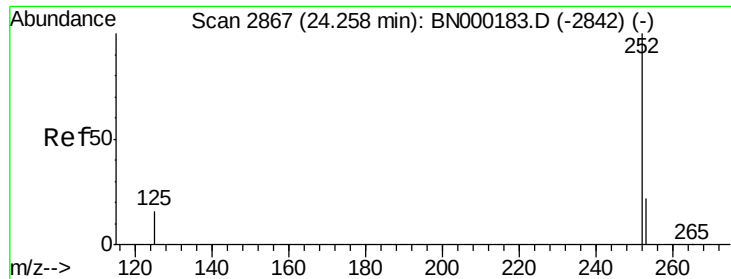


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.053 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01

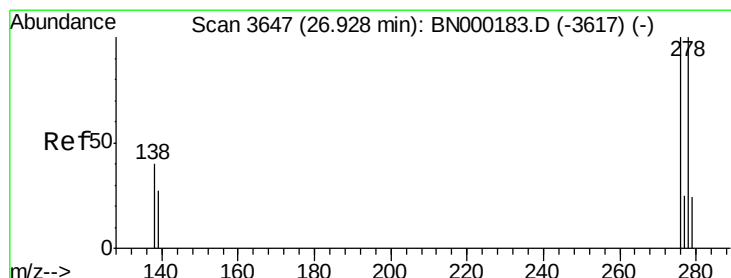
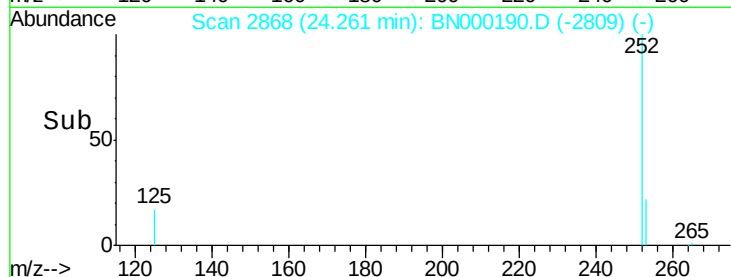
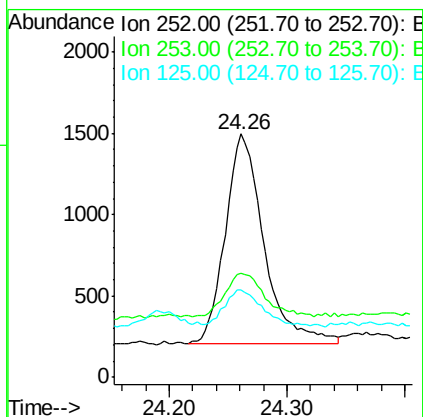
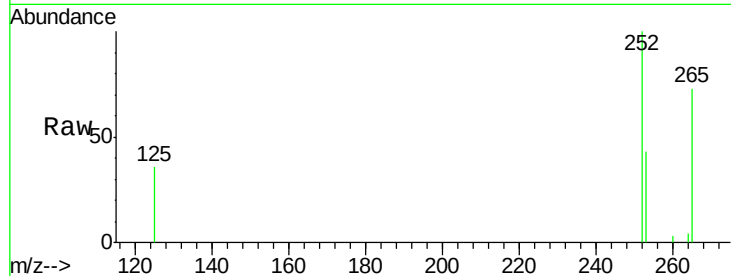
Tgt Ion:252 Resp: 2937

Ion Ratio Lower Upper

252 100

253 42.6 16.0 24.0#

125 35.7 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.053 ng

RT: 26.93 min Scan# 3649

Delta R.T. 0.01 min

Lab File: BN000190.D

Acq: 27 Feb 2018 14:46

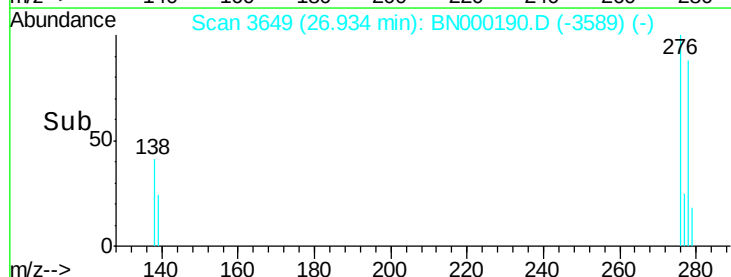
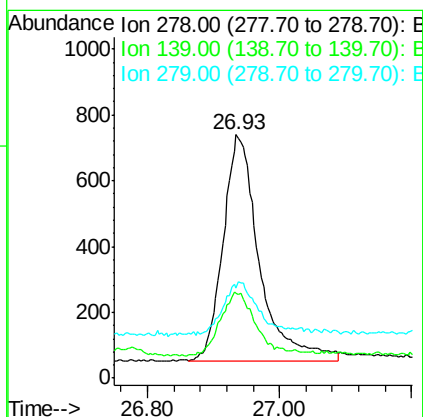
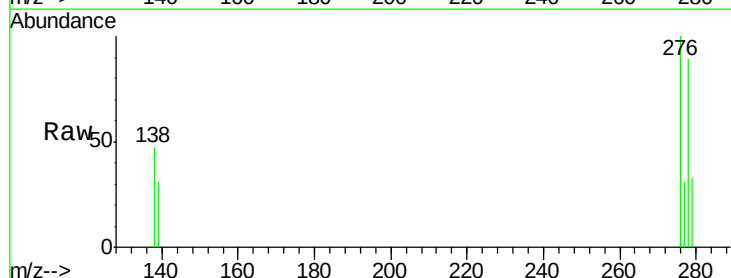
Tgt Ion:278 Resp: 2619

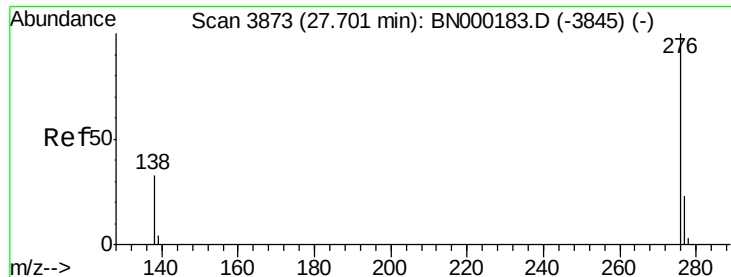
Ion Ratio Lower Upper

278 100

139 35.0 16.0 24.0#

279 37.0 20.0 30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.058 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

Lab File: BN000190.D

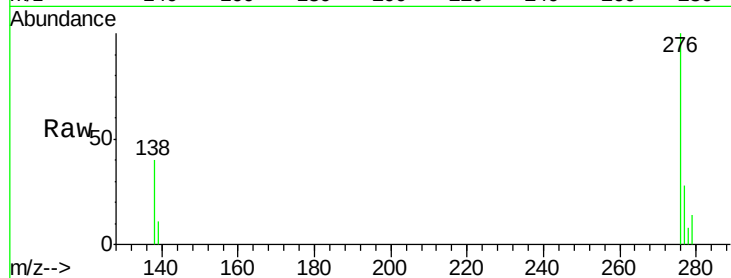
Acq: 27 Feb 2018 14:46

Instrument :

BNA_N

ClientSampleId :

MDL-W-01



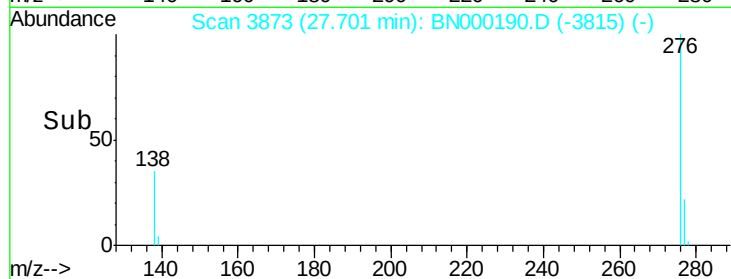
Tgt Ion: 276 Resp: 3419

Ion Ratio Lower Upper

276 100

277 27.6 16.0 24.0#

138 39.9 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

