

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000191.D
 Acq On : 27 Feb 2018 15:21
 Operator : JU/SJ
 Sample : MDL-W-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-02

Quant Time: Feb 27 16:01:25 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	6098	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	22616	0.40	ng	0.00
13) Acenaphthene-d10	15.07	164	11038	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	25638	0.40	ng	0.00
27) Chrysene-d12	21.90	240	19148	0.40	ng	0.00
34) Perylene-d12	24.37	264	14930	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	4734	0.37	ng	0.00
5) Phenol-d6	7.58	99	5832	0.36	ng	0.00
8) Nitrobenzene-d5	9.63	82	4539	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	12801	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1135	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	19257	0.37	ng	0.00
25) Fluoranthene-d10	19.77	212	23645	0.35	ng	0.00
29) Terphenyl-d14	20.33	244	13696	0.41	ng	0.00

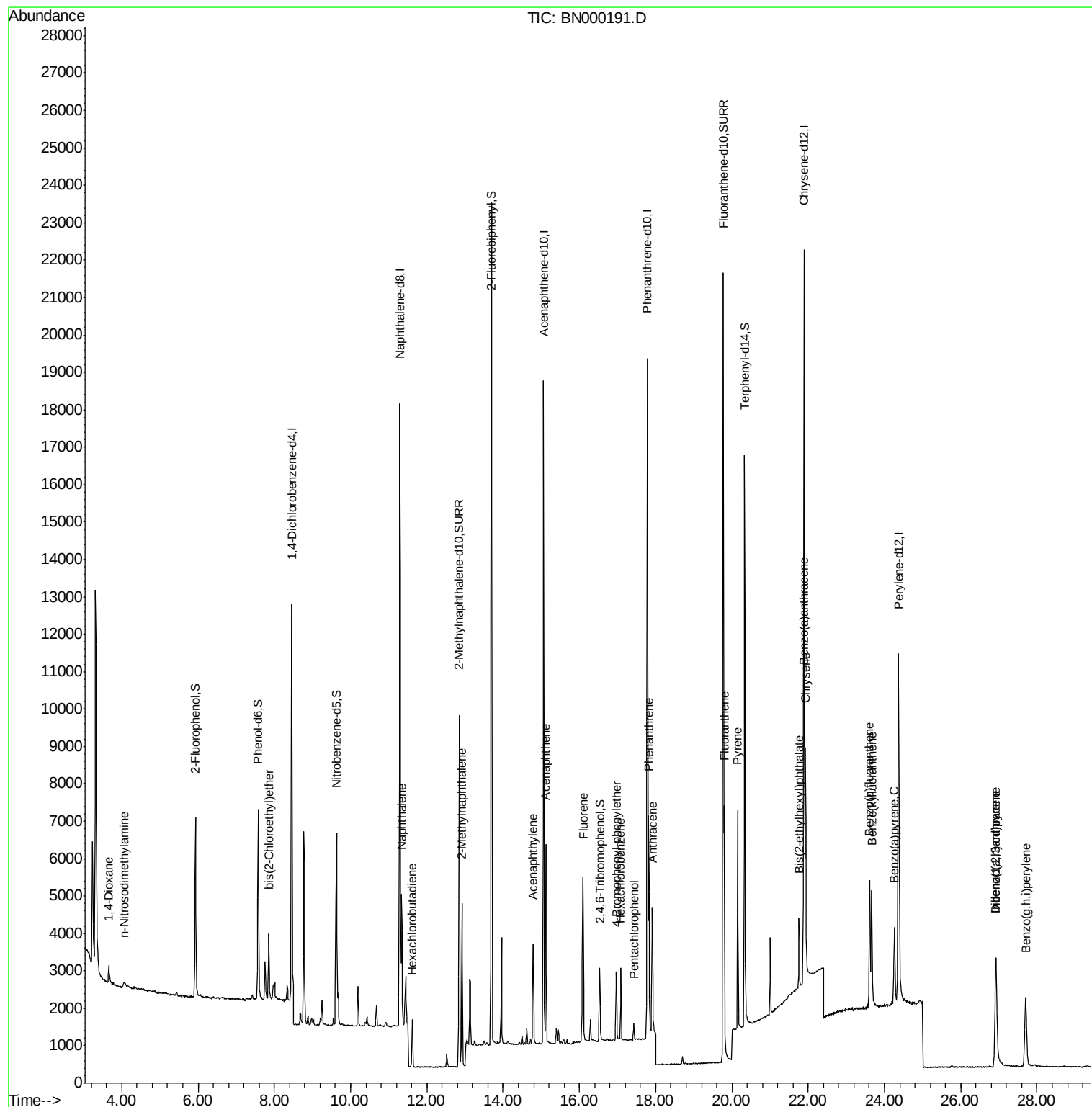
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.66	88	460	0.073	ng	# 89
3) n-Nitrosodimethylamine	4.06	42	168	0.130	ng	# 90
6) bis(2-Chloroethyl)ether	7.85	93	1460	0.070	ng	96
9) Naphthalene	11.34	128	4771	0.072	ng	# 93
10) Hexachlorobutadiene	11.62	225	808	0.072	ng	98
12) 2-Methylnaphthalene	12.92	142	3001	0.069	ng	97
16) Acenaphthylene	14.78	152	3217	0.062	ng	99
17) Acenaphthene	15.13	154	2800	0.068	ng	97
18) Fluorene	16.10	166	3369	0.066	ng	# 79
20) 4-Bromophenyl-phenylether	16.97	248	924	0.063	ng	# 78
21) Hexachlorobenzene	17.09	284	1332	0.067	ng	96
22) Pentachlorophenol	17.43	266	230	0.132	ng	88
23) Phenanthrene	17.82	178	5999	0.066	ng	95
24) Anthracene	17.91	178	3874	0.057	ng	96
26) Fluoranthene	19.80	202	5955	0.064	ng	# 95
28) Pyrene	20.15	202	5844	0.078	ng	99
30) Benzo(a)anthracene	21.87	228	4036	0.067	ng	98
31) Chrysene	21.93	228	5160	0.073	ng	98
32) Bis(2-ethylhexyl)phthalate	21.76	149	1864	0.083	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.92	276	3932	0.060	ng	# 90
35) Benzo(b)fluoranthene	23.61	252	4789	0.070	ng	# 85
36) Benzo(k)fluoranthene	23.66	252	4331	0.065	ng	# 63
37) Benzo(a)pyrene	24.26	252	3392	0.061	ng	# 57
38) Dibenzo(a,h)anthracene	26.93	278	3015	0.061	ng	# 72
39) Benzo(g,h,i)perylene	27.70	276	4053	0.069	ng	# 79

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 635

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

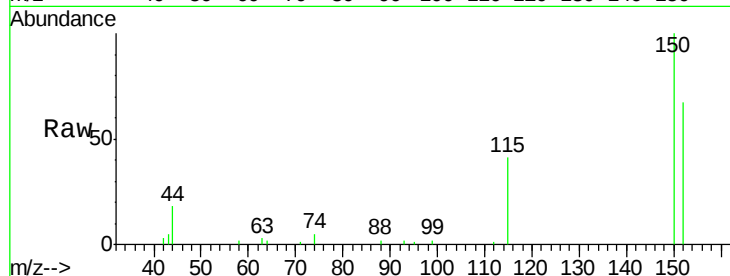
Tgt Ion:152 Resp: 6098

Ion Ratio Lower Upper

152 100

150 150.3 117.2 175.8

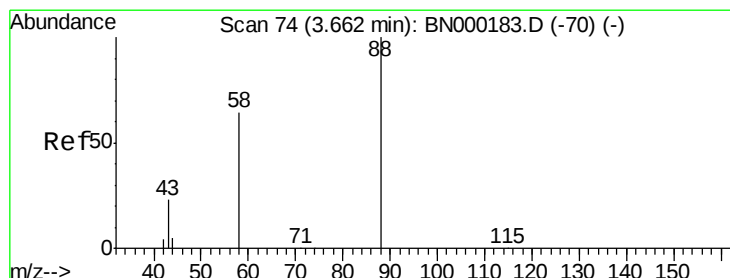
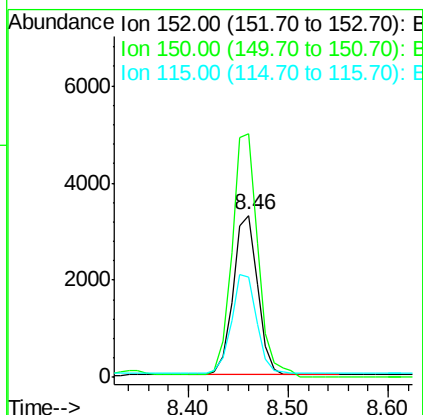
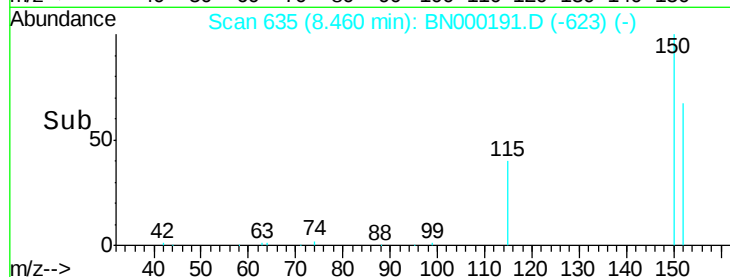
115 61.7 57.0 85.6



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: 0.073 ng

RT: 3.66 min Scan# 74

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

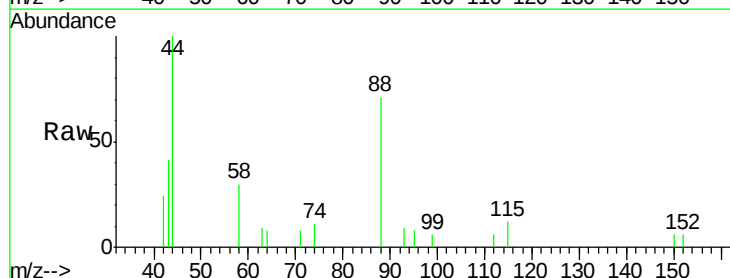
Tgt Ion: 88 Resp: 460

Ion Ratio Lower Upper

88 100

58 62.8 48.0 72.0

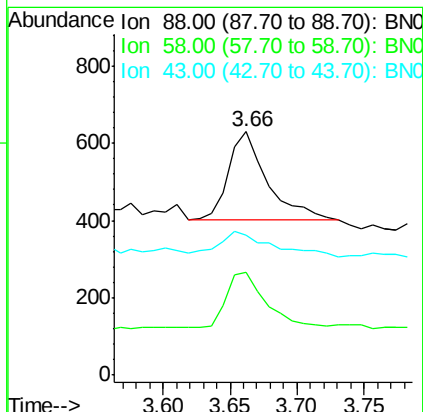
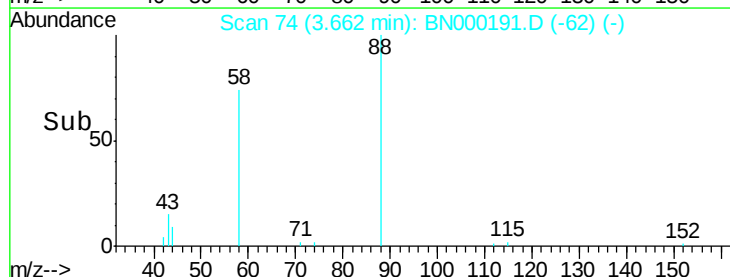
43 40.0 20.0 30.0#

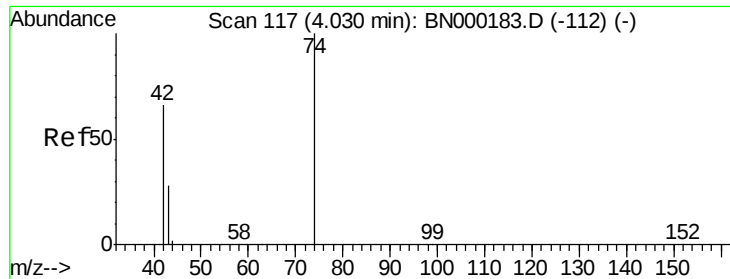


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



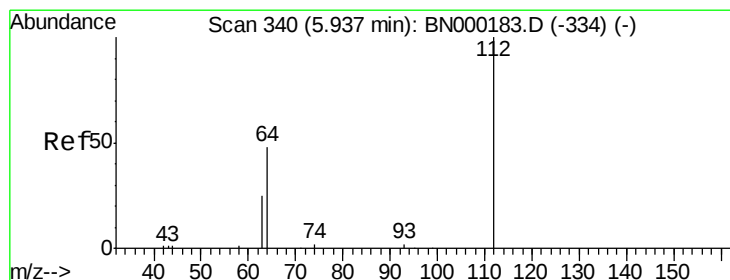
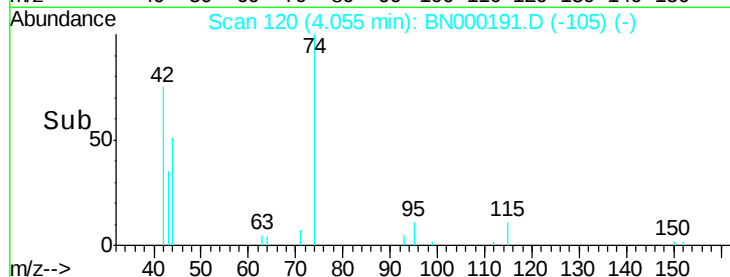
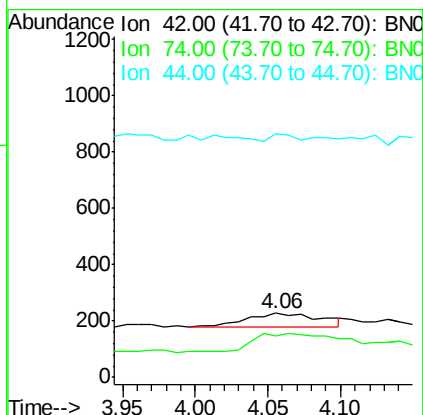
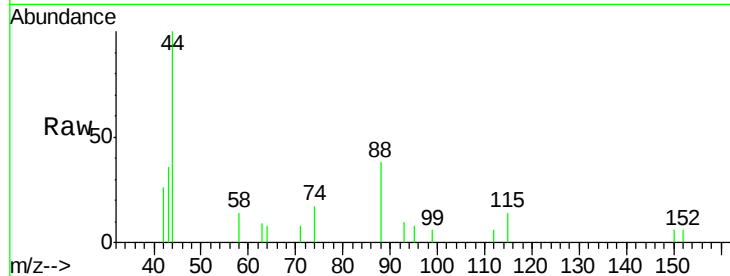


#3

n-Nitrosodimethylamine
 Concen: 0.130 ng
 RT: 4.06 min Scan# 120
 Delta R.T. 0.03 min
 Lab File: BN000191.D
 Acq: 27 Feb 2018 15:21

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-02

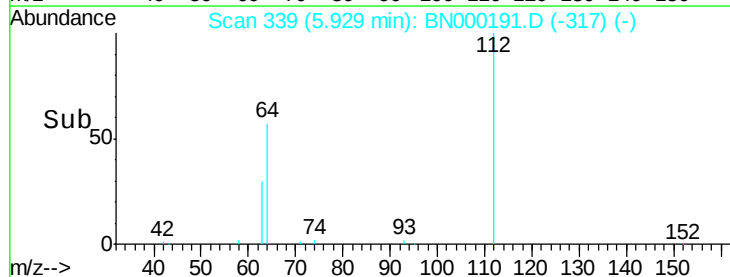
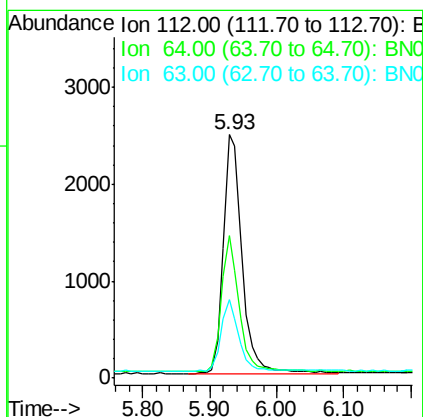
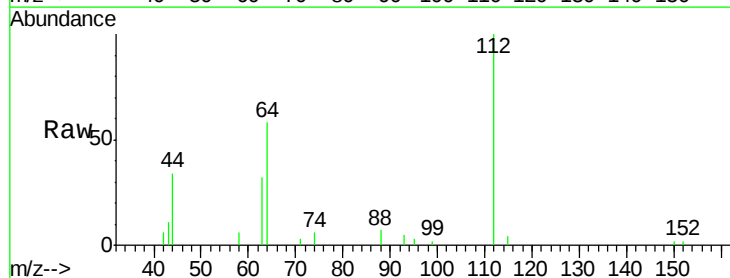
Tgt Ion: 42 Resp: 168
 Ion Ratio Lower Upper
 42 100
 74 138.7 120.0 180.0
 44 21.4 4.0 6.0#

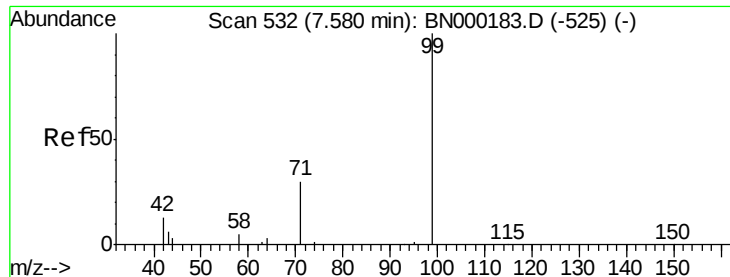


#4

2-Fluorophenol
 Concen: 0.368 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000191.D
 Acq: 27 Feb 2018 15:21

Tgt Ion: 112 Resp: 4734
 Ion Ratio Lower Upper
 112 100
 64 53.6 60.1 90.1#
 63 28.6 116.8 175.2#





#5

Phenol-d6

Concen: 0.356 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

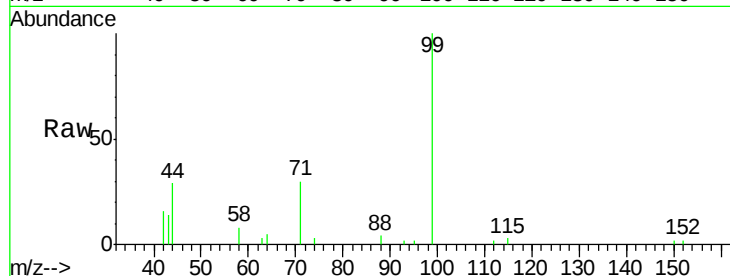
Tgt Ion: 99 Resp: 5832

Ion Ratio Lower Upper

99 100

42 15.0 20.2 30.2#

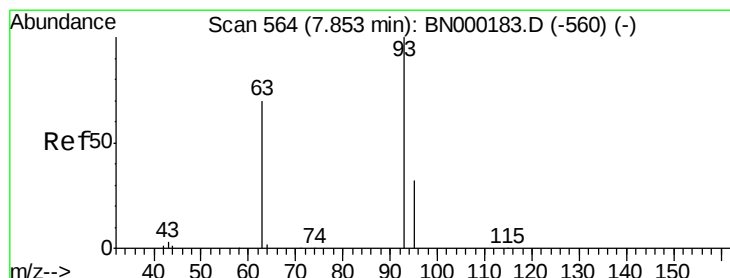
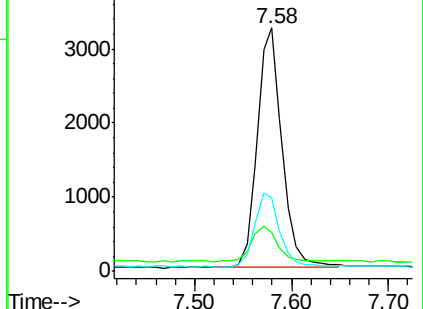
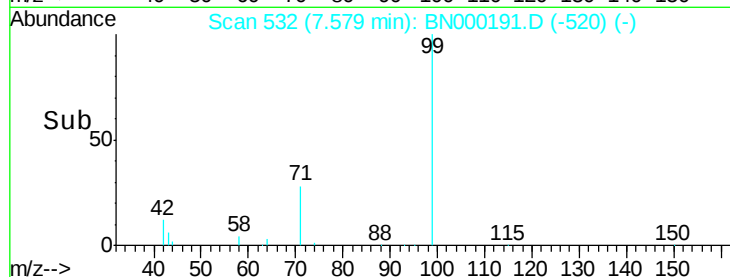
71 31.2 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN000191.D (-520) (-)

Ion 42.00 (41.70 to 42.70): BN000191.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BN000191.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: BN000191.D

Acq: 27 Feb 2018 15:21

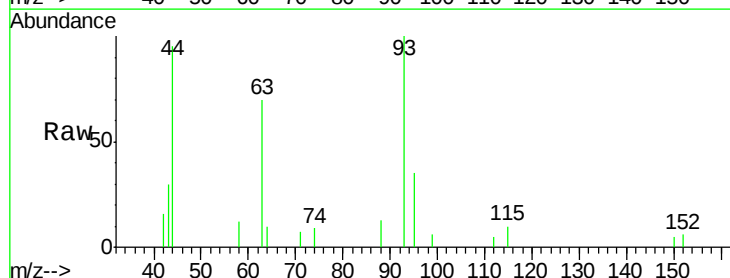
Tgt Ion: 93 Resp: 1460

Ion Ratio Lower Upper

93 100

63 67.5 56.0 84.0

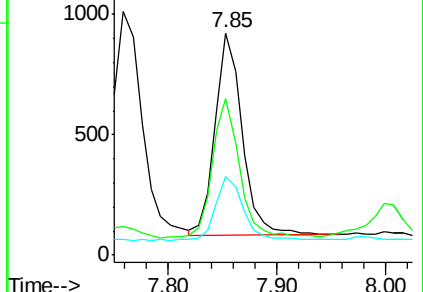
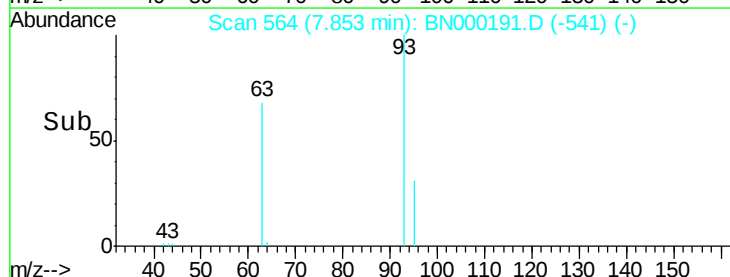
95 34.0 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BN000191.D (-541) (-)

Ion 63.00 (62.70 to 63.70): BN000191.D (-541) (-)

Ion 95.00 (94.70 to 95.70): BN000191.D (-541) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

Tgt Ion:136 Resp: 22616

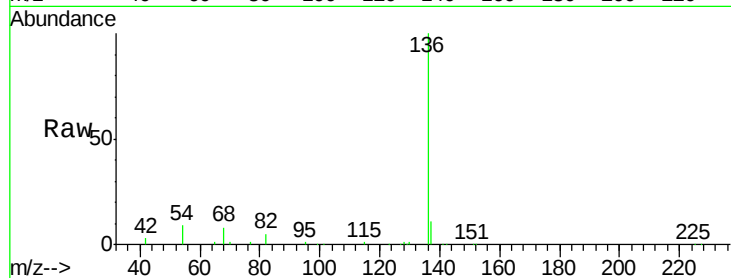
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 8.7 29.1 43.7#

68 8.0 6.2 9.2

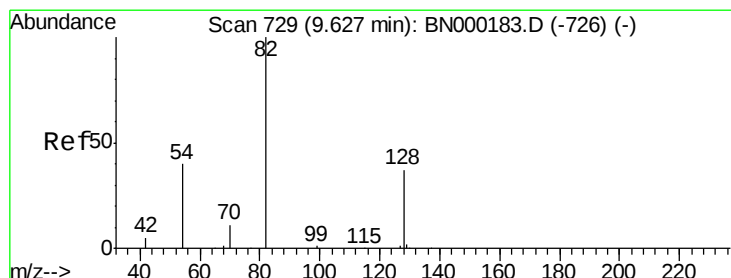
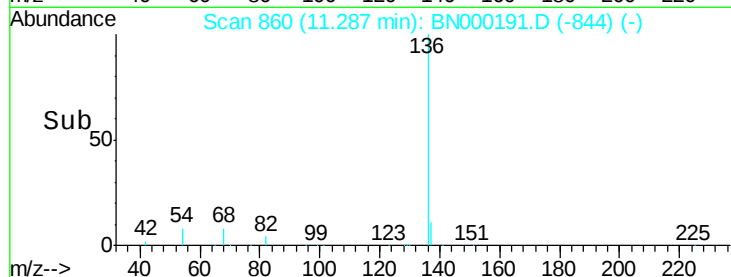
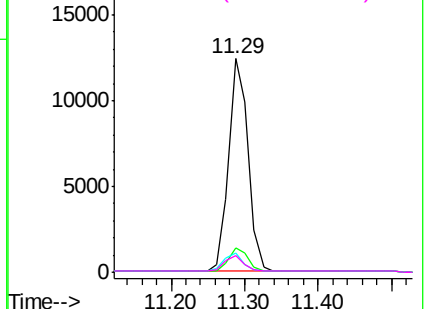


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

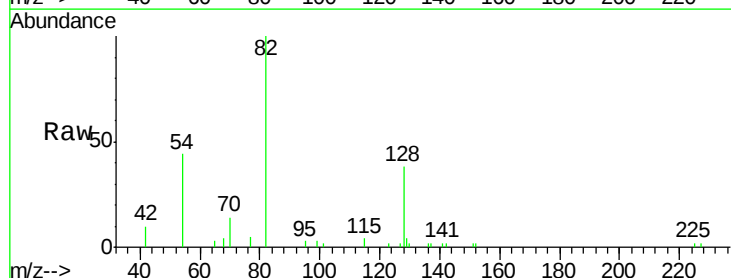
Tgt Ion: 82 Resp: 4539

Ion Ratio Lower Upper

82 100

128 38.5 150.0 225.0#

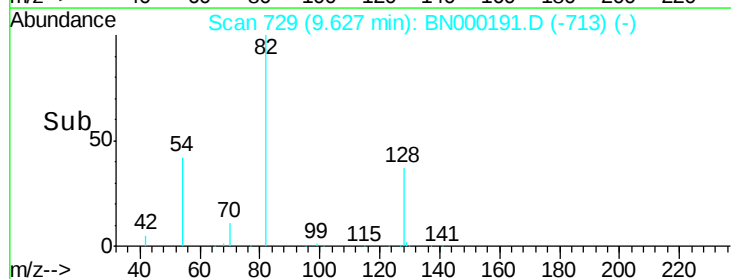
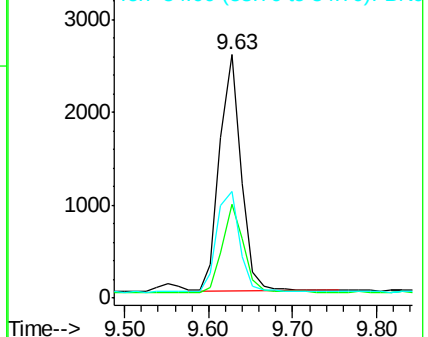
54 43.7 154.2 231.4#

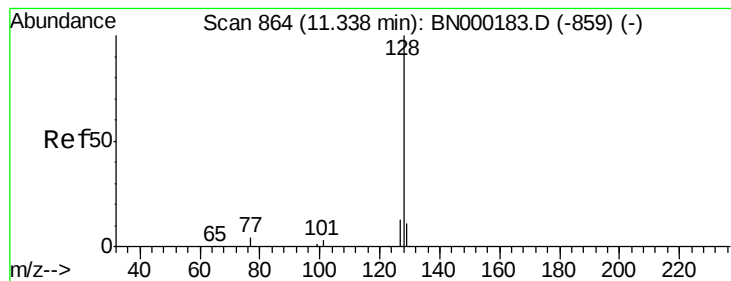


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.072 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

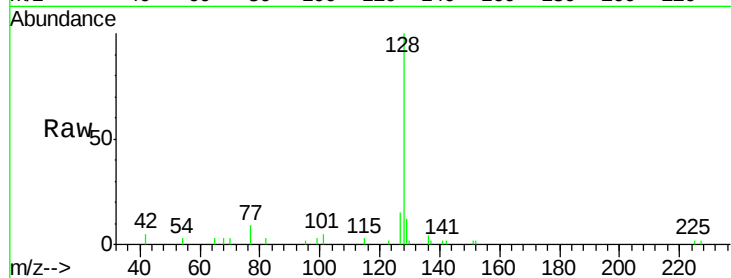
Tgt Ion:128 Resp: 4771

Ion Ratio Lower Upper

128 100

129 12.4 8.0 12.0#

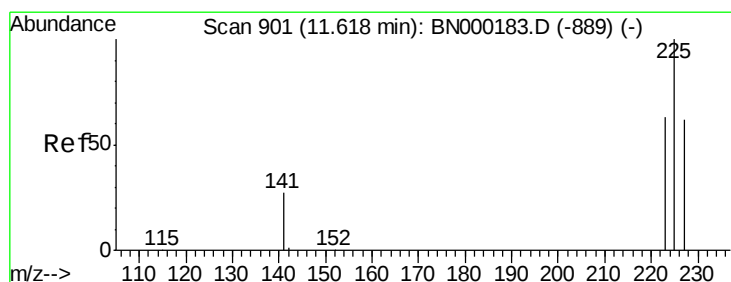
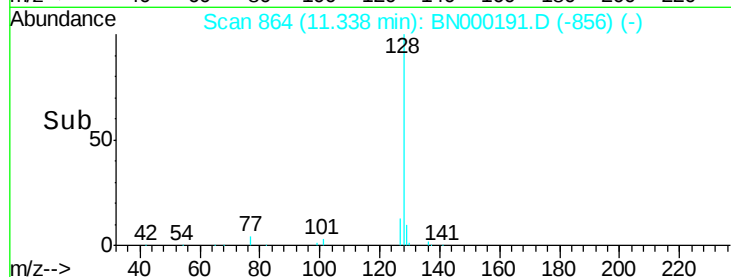
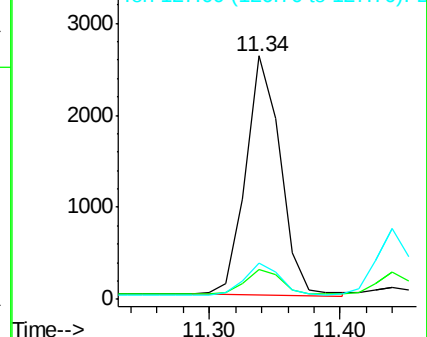
127 15.0 9.6 14.4#



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: 0.072 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

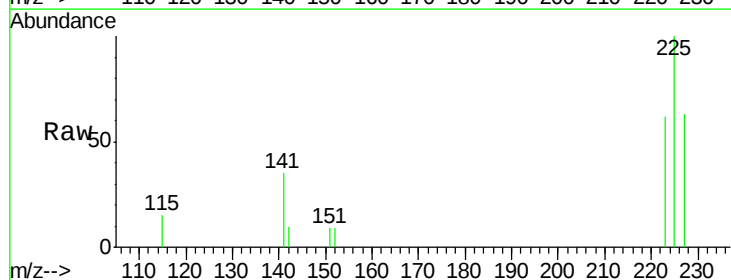
Tgt Ion:225 Resp: 808

Ion Ratio Lower Upper

225 100

223 63.5 53.0 79.6

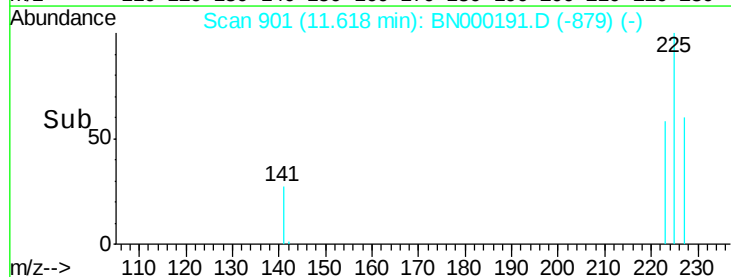
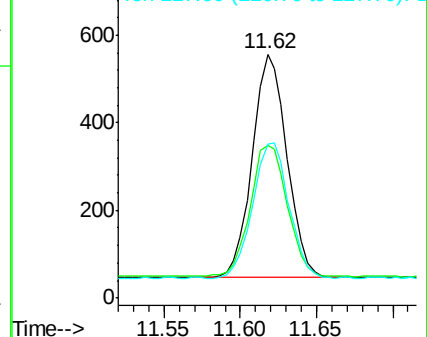
227 63.2 51.4 77.2

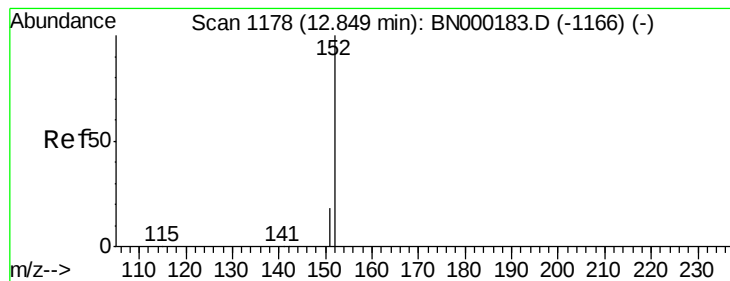


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.376 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

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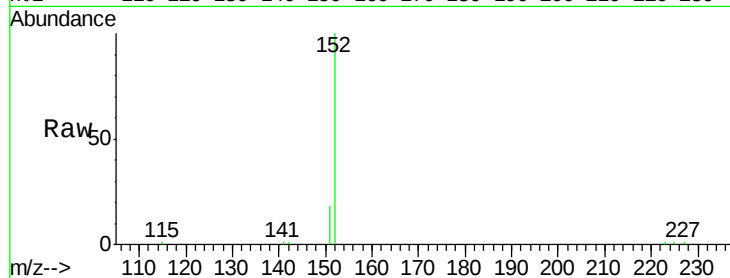
MDL-W-02

Tgt Ion:152 Resp: 12801

Ion Ratio Lower Upper

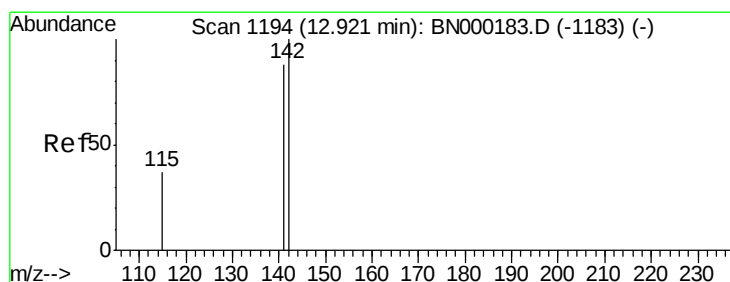
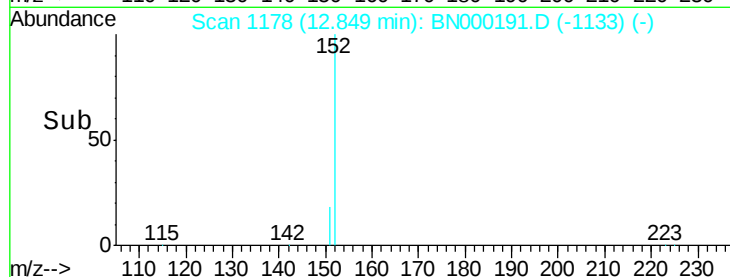
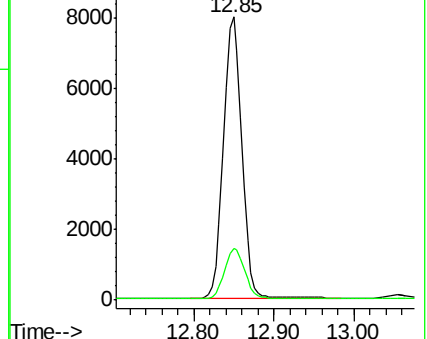
152 100

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: 0.069 ng

RT: 12.92 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

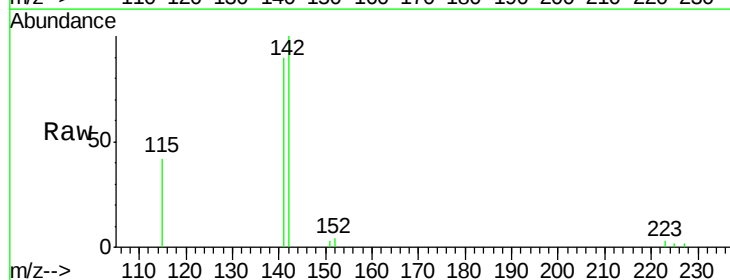
Tgt Ion:142 Resp: 3001

Ion Ratio Lower Upper

142 100

141 89.9 70.4 105.6

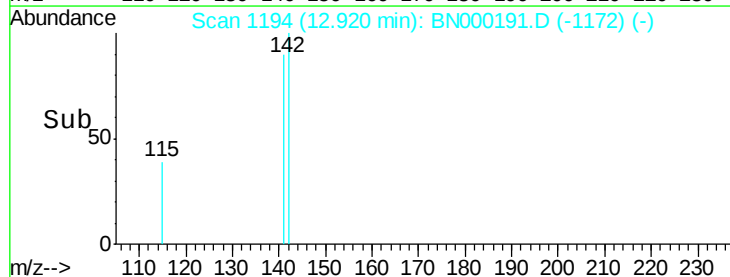
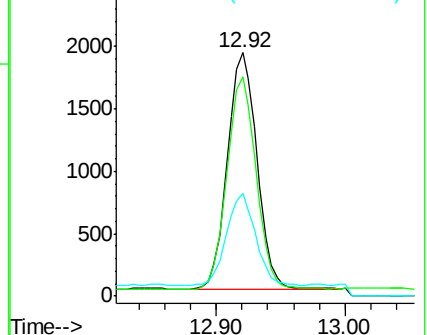
115 42.3 31.7 47.5



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: 15.07 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BN000191.D

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MDL-W-02

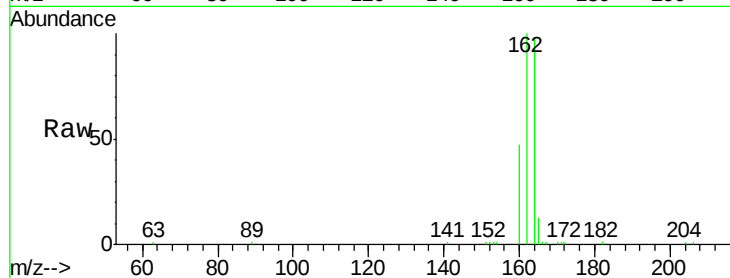
Tgt Ion:164 Resp: 11038

Ion Ratio Lower Upper

164 100

162 102.6 83.1 124.7

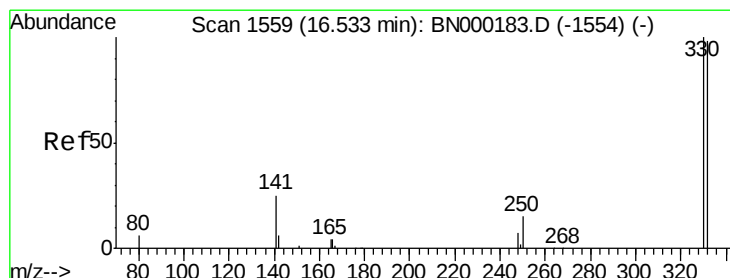
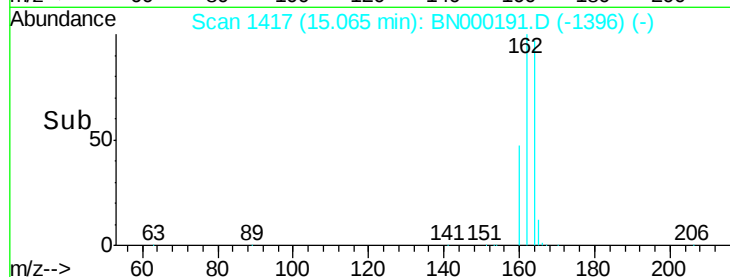
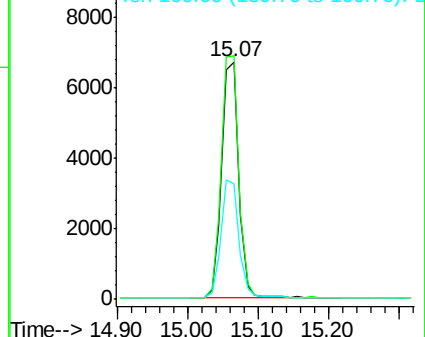
160 48.6 37.1 55.7



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: 0.324 ng

RT: 16.53 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

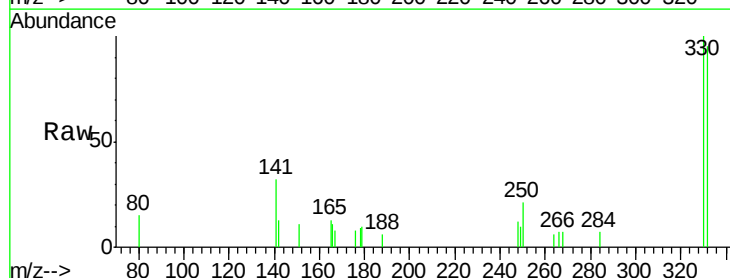
Tgt Ion:330 Resp: 1135

Ion Ratio Lower Upper

330 100

332 95.9 152.7 229.1#

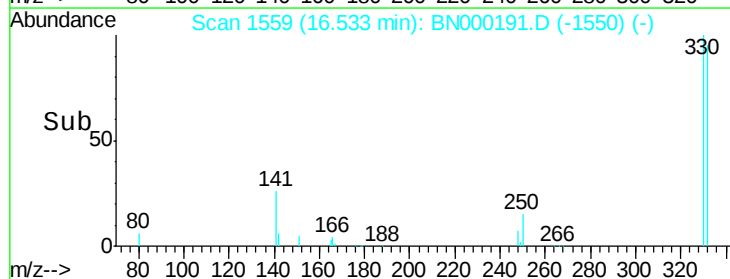
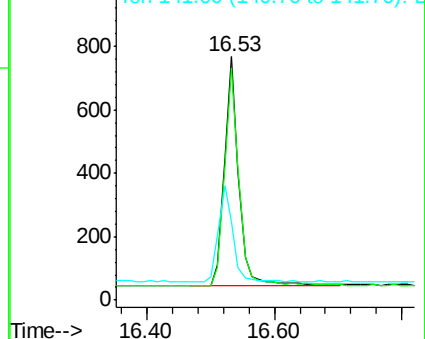
141 41.9 33.7 50.5

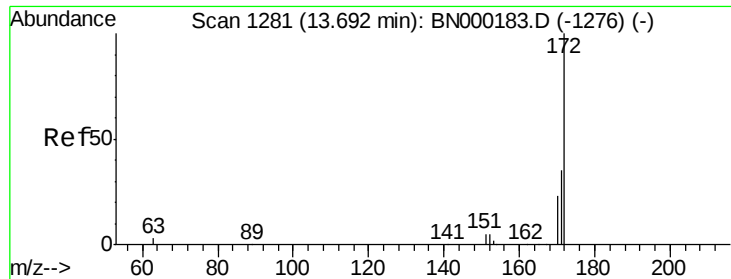


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

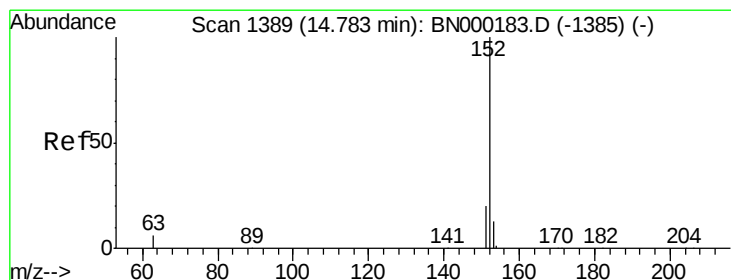
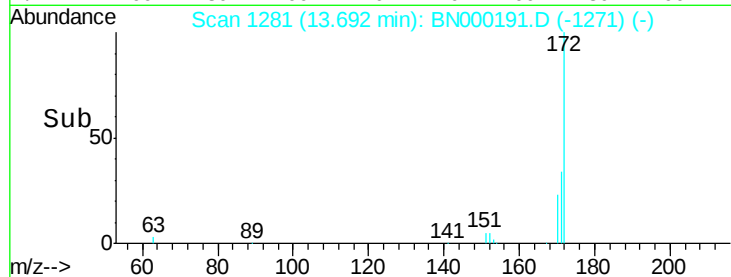
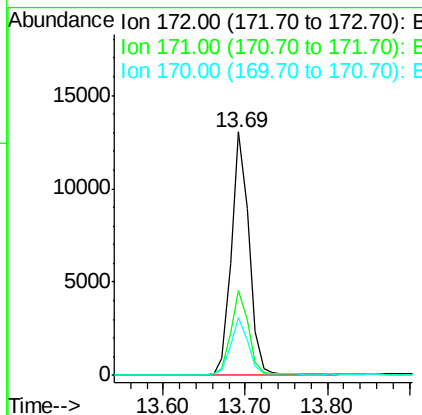
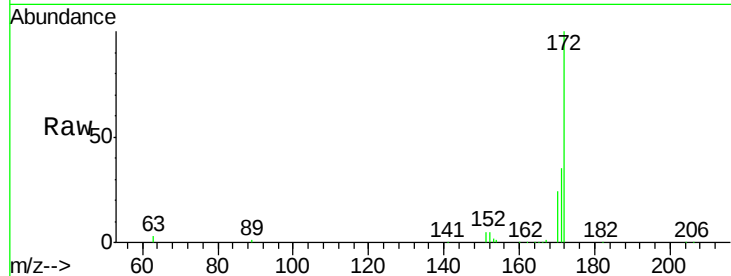




#15
 2-Fluorobiphenyl
 Concen: 0.368 ng
 RT: 13.69 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BN000191.D
 Acq: 27 Feb 2018 15:21

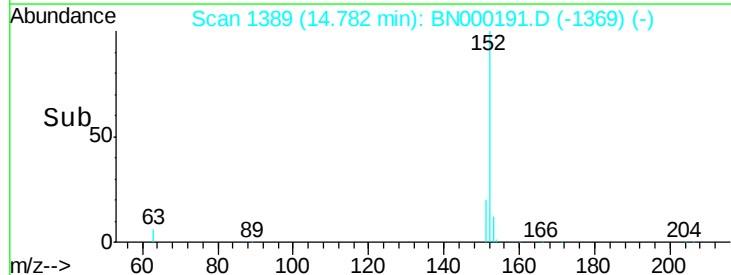
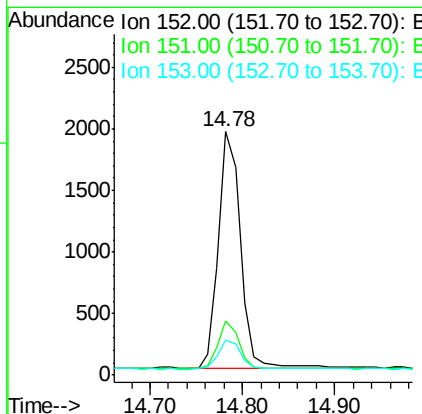
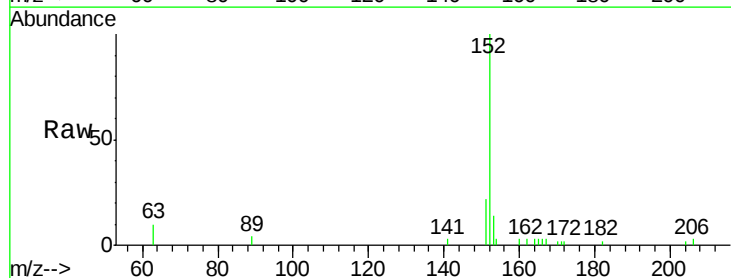
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-02

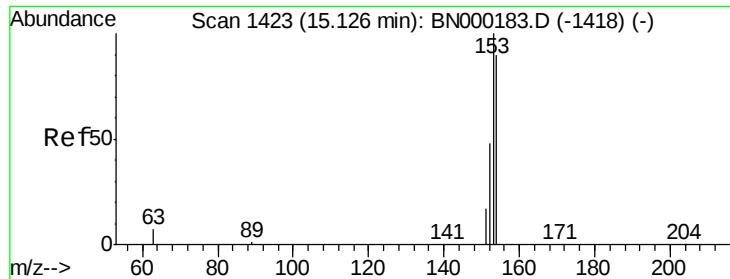
Tgt Ion:172 Resp: 19257
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.9 44.9
 170 23.6 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.062 ng
 RT: 14.78 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BN000191.D
 Acq: 27 Feb 2018 15:21

Tgt Ion:152 Resp: 3217
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.7 23.5
 153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.068 ng

RT: 15.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

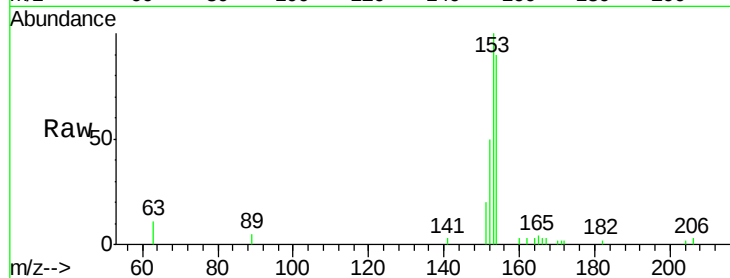
Tgt Ion:154 Resp: 2800

Ion Ratio Lower Upper

154 100

153 113.6 89.2 133.8

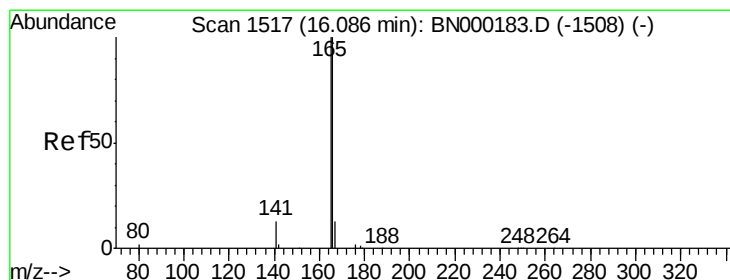
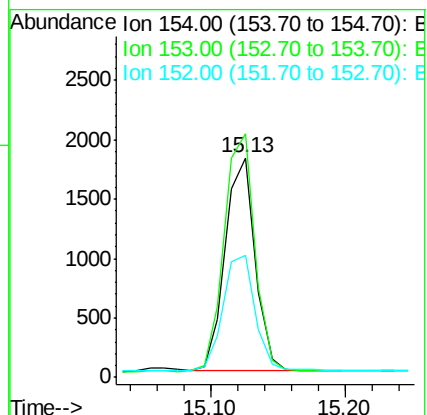
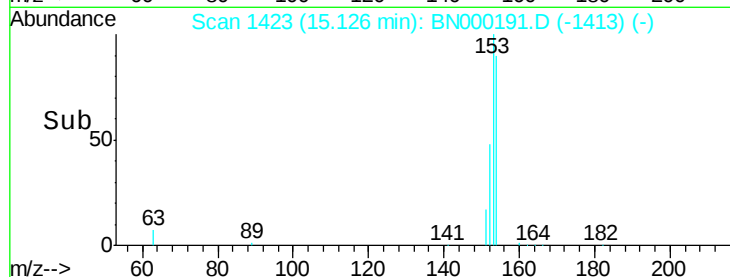
152 56.9 42.0 63.0



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: 0.066 ng

RT: 16.10 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

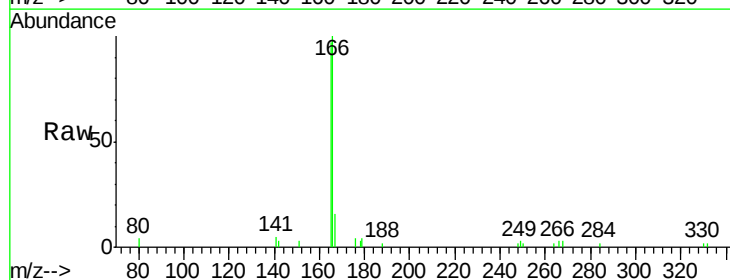
Tgt Ion:166 Resp: 3369

Ion Ratio Lower Upper

166 100

165 98.9 77.8 116.6

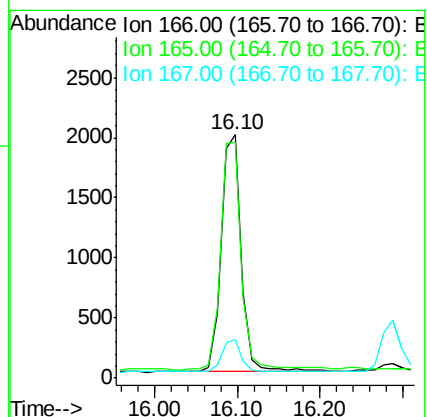
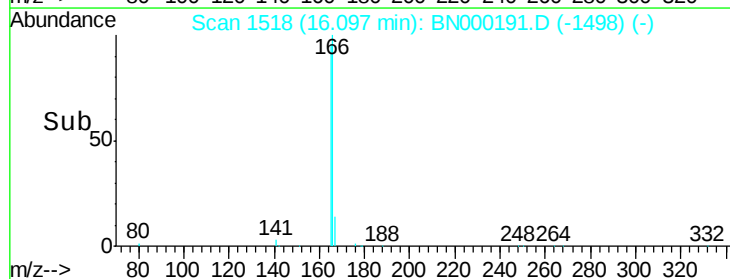
167 13.3 42.4 63.6#

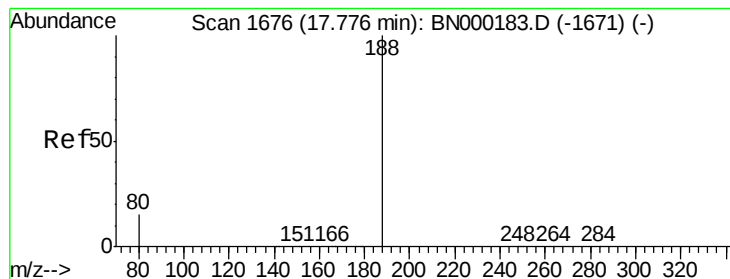


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

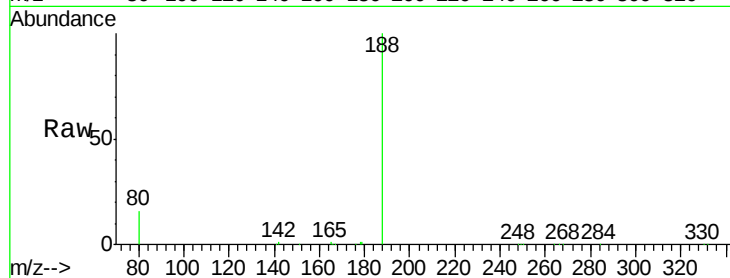
Tgt Ion:188 Resp: 25638

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

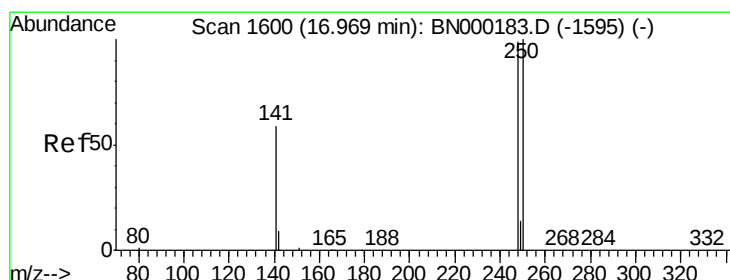
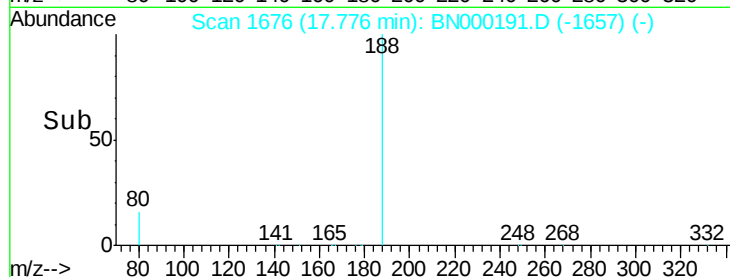
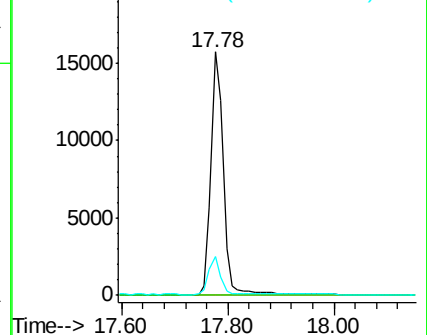
80 15.9 3.6 5.4#



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: 0.063 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

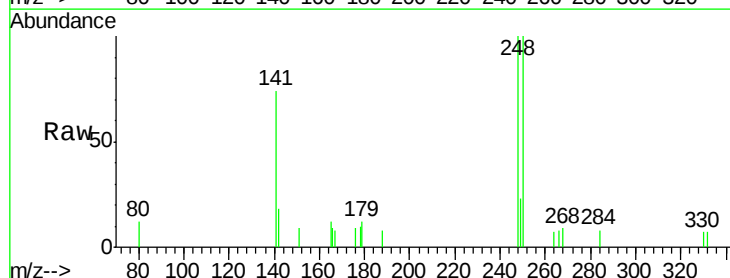
Tgt Ion:248 Resp: 924

Ion Ratio Lower Upper

248 100

250 99.7 62.7 94.1#

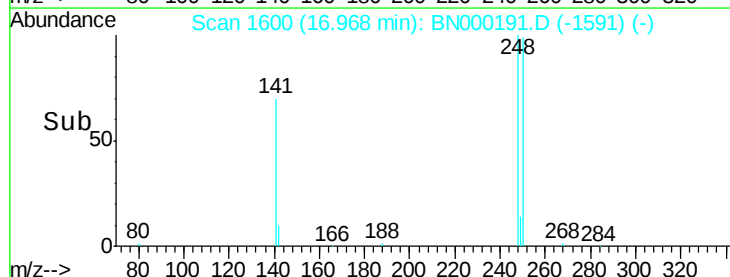
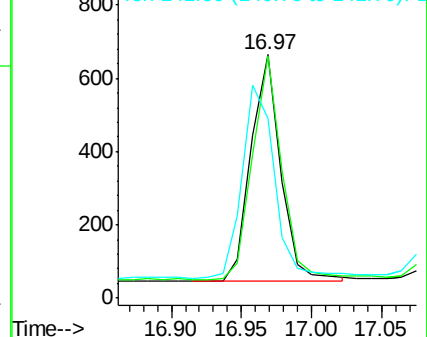
141 73.7 48.2 72.2#

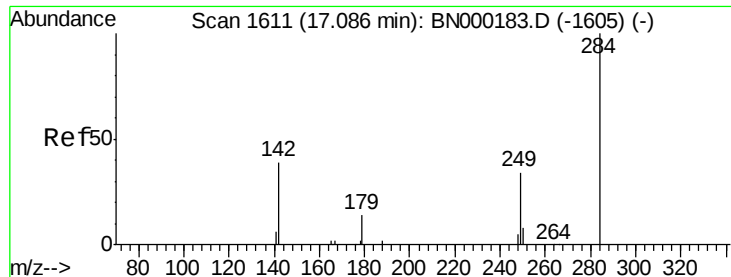


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.067 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

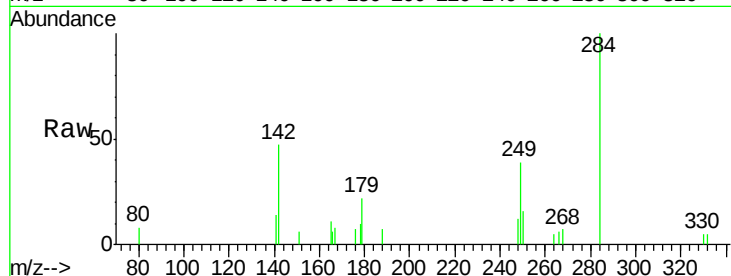
Tgt Ion:284 Resp: 1332

Ion Ratio Lower Upper

284 100

142 42.4 32.0 48.0

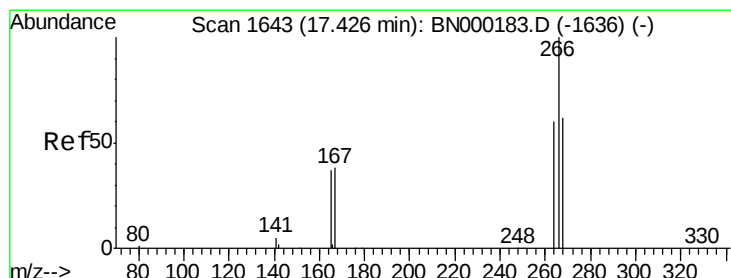
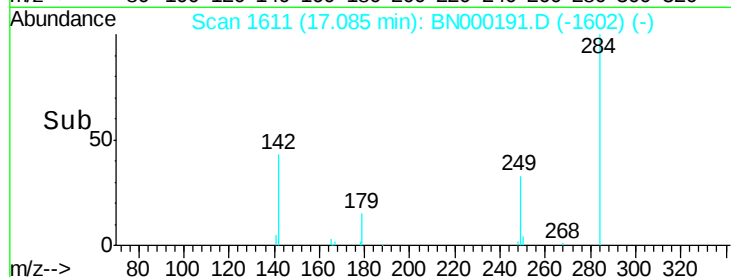
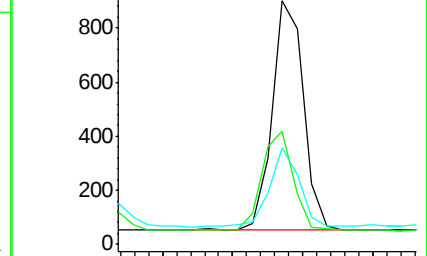
249 32.4 24.0 36.0



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: 0.132 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

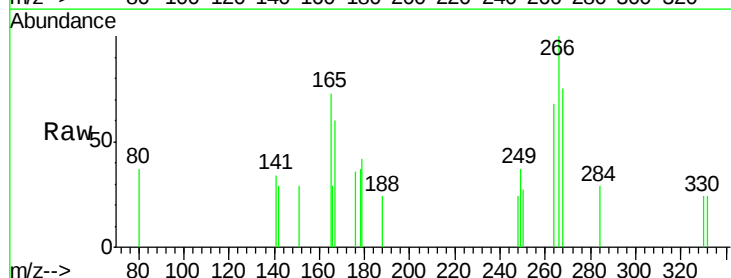
Tgt Ion:266 Resp: 230

Ion Ratio Lower Upper

266 100

264 68.1 48.0 72.0

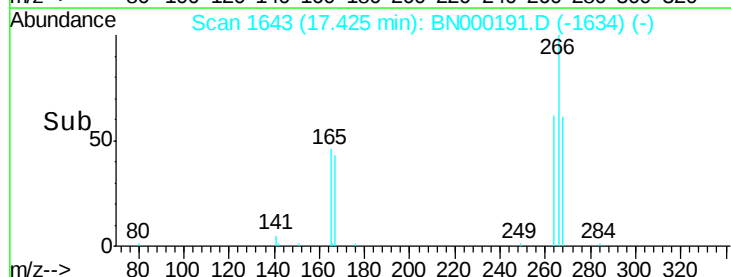
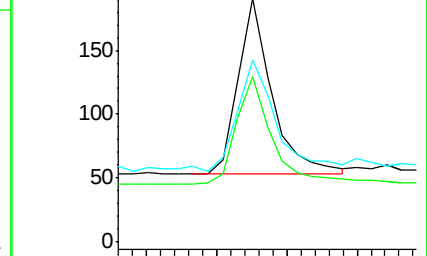
268 74.9 52.0 78.0



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: 0.066 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

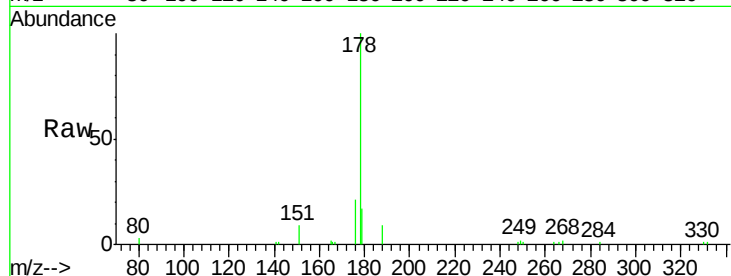
Tgt Ion:178 Resp: 5999

Ion Ratio Lower Upper

178 100

176 20.8 15.1 22.7

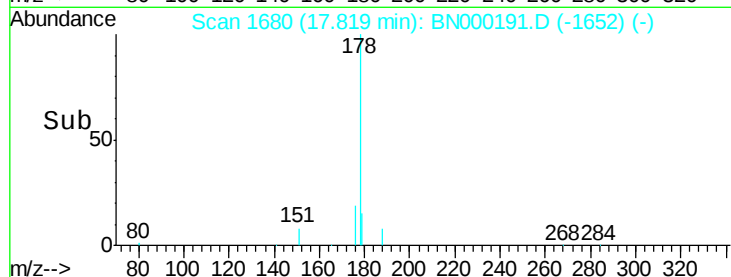
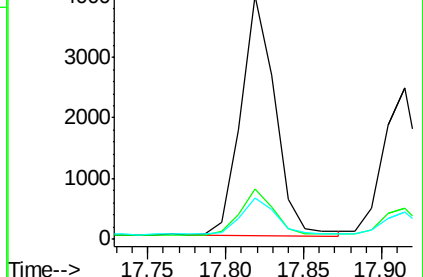
179 16.7 11.8 17.6



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: 0.057 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

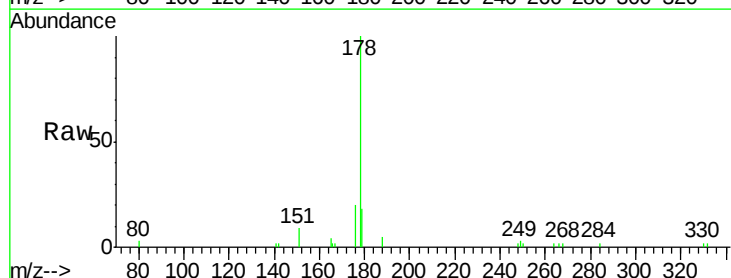
Tgt Ion:178 Resp: 3874

Ion Ratio Lower Upper

178 100

176 18.4 12.8 19.2

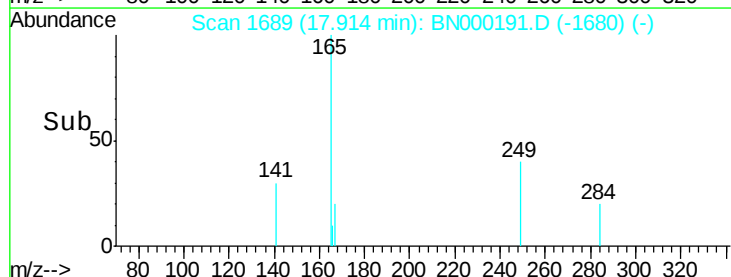
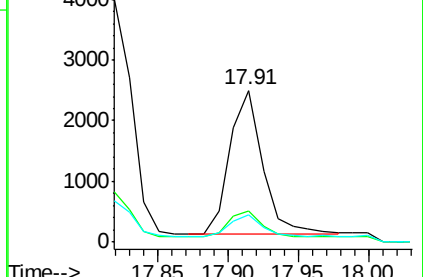
179 15.1 13.0 19.6

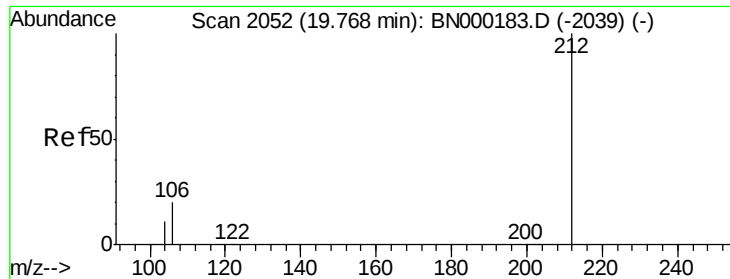


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.345 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

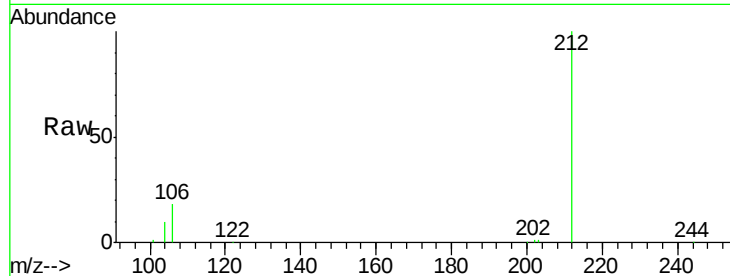
Tgt Ion:212 Resp: 23645

Ion Ratio Lower Upper

212 100

106 19.5 2.8 4.2#

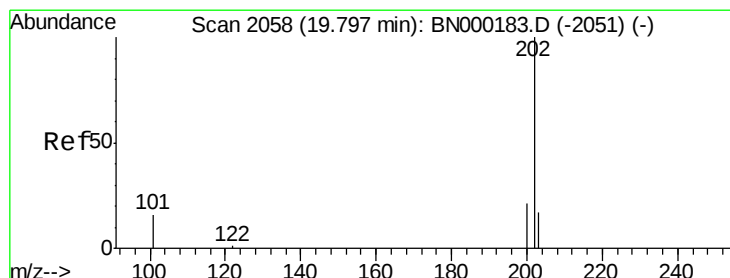
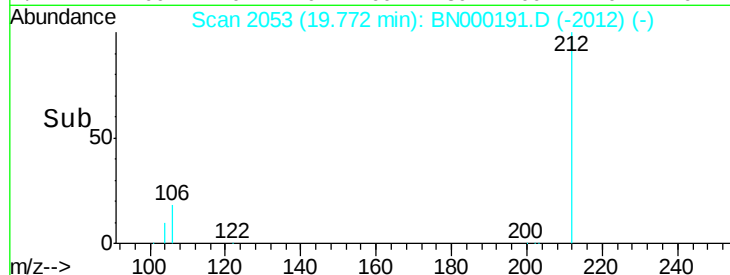
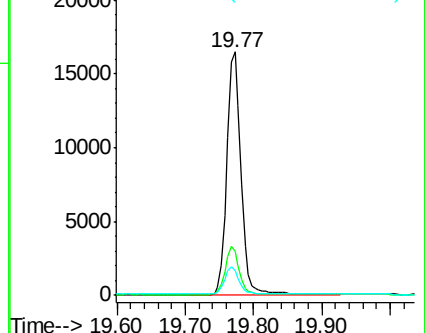
104 10.8 1.6 2.4#



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: 0.064 ng

RT: 19.80 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

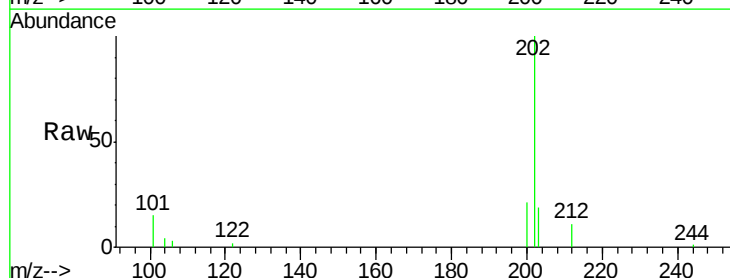
Tgt Ion:202 Resp: 5955

Ion Ratio Lower Upper

202 100

101 16.5 9.8 14.8#

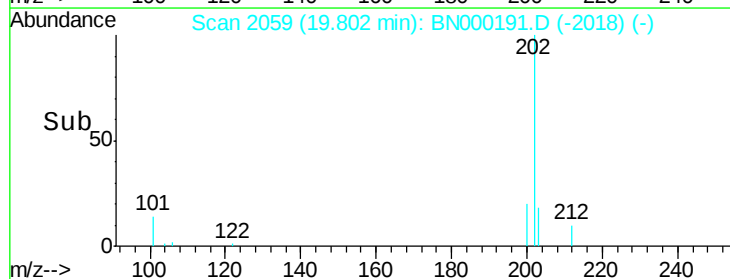
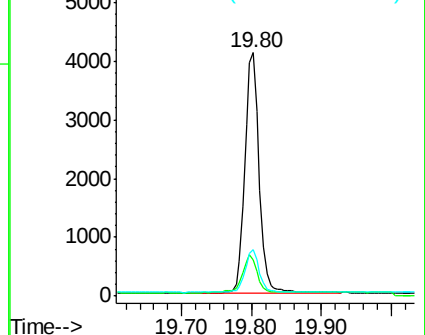
203 17.4 13.7 20.5

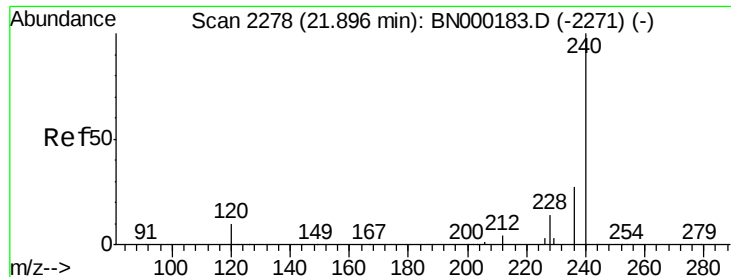


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

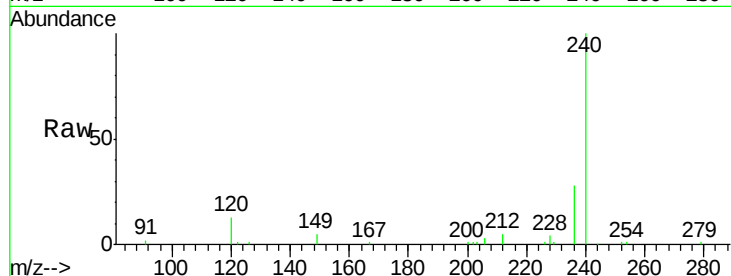
Tgt Ion:240 Resp: 19148

Ion Ratio Lower Upper

240 100

120 13.1 5.5 8.3#

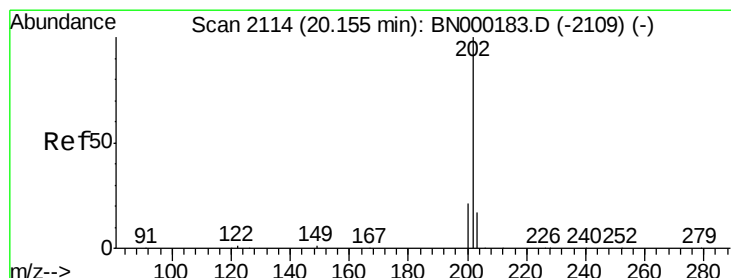
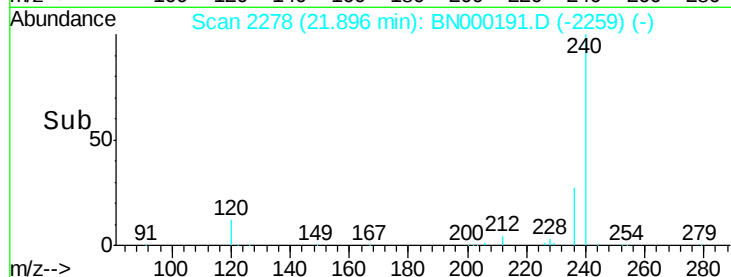
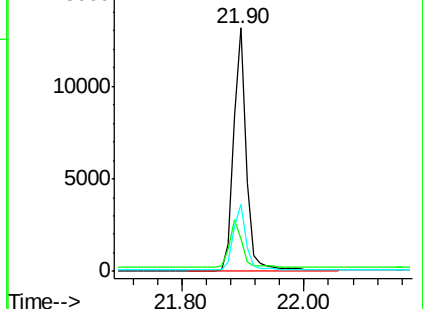
236 27.5 20.7 31.1



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: 0.078 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

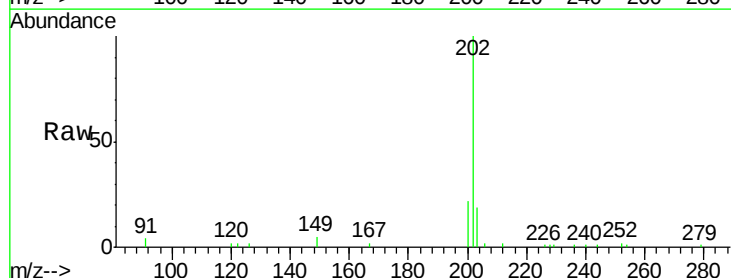
Tgt Ion:202 Resp: 5844

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

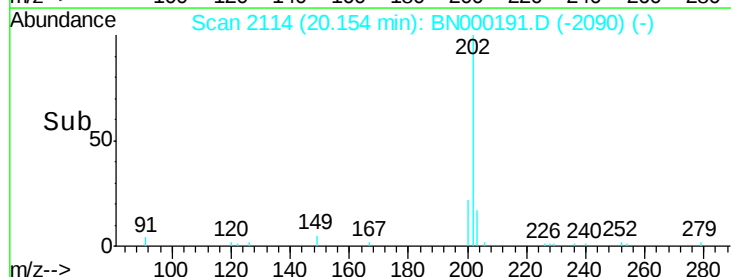
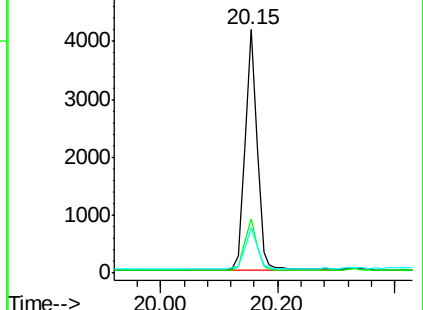
203 17.7 13.8 20.8



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: 0.407 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

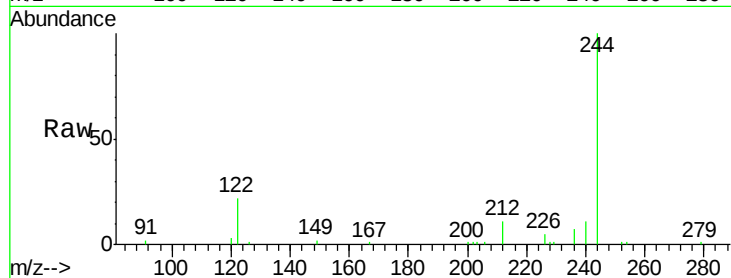
Tgt Ion:244 Resp: 13696

Ion Ratio Lower Upper

244 100

212 11.0 25.4 38.0#

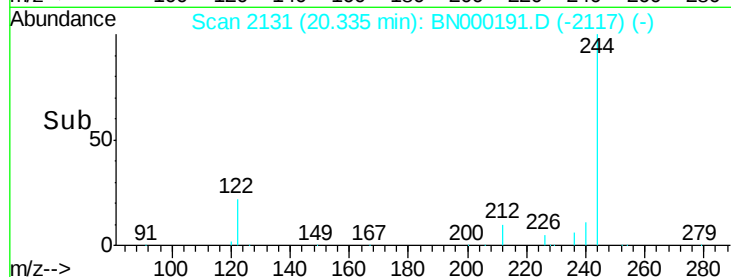
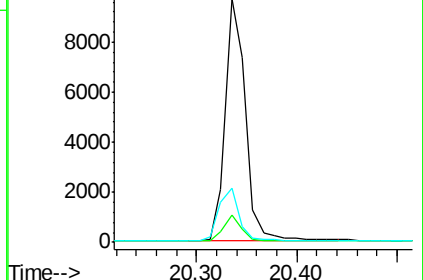
122 22.1 8.1 12.1#



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: 0.067 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

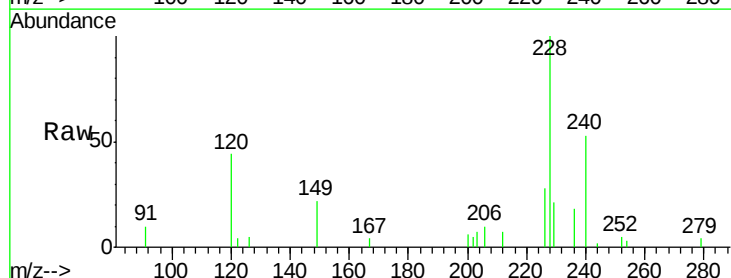
Tgt Ion:228 Resp: 4036

Ion Ratio Lower Upper

228 100

226 28.3 24.0 36.0

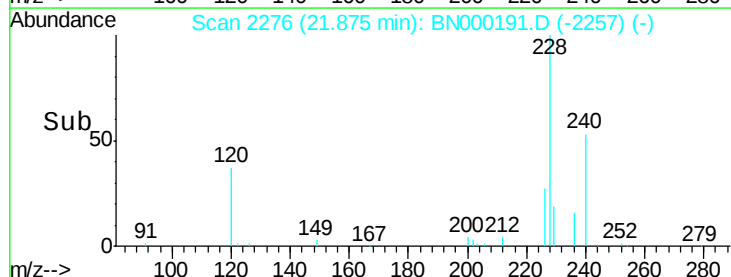
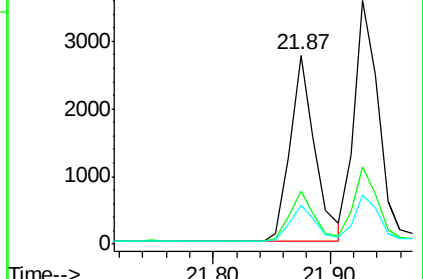
229 20.6 16.0 24.0



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: 0.073 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

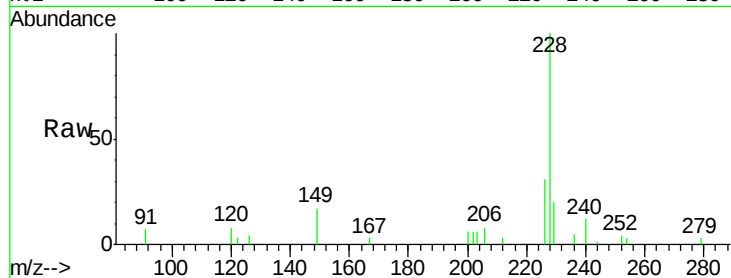
Tgt Ion:228 Resp: 5160

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

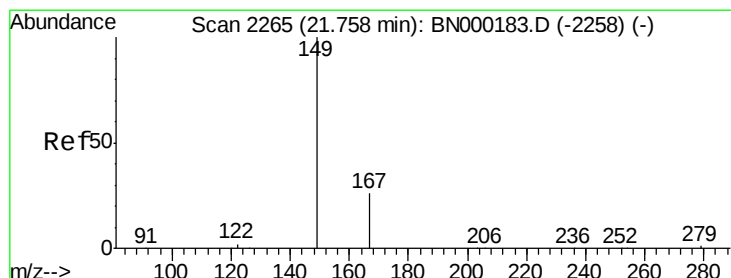
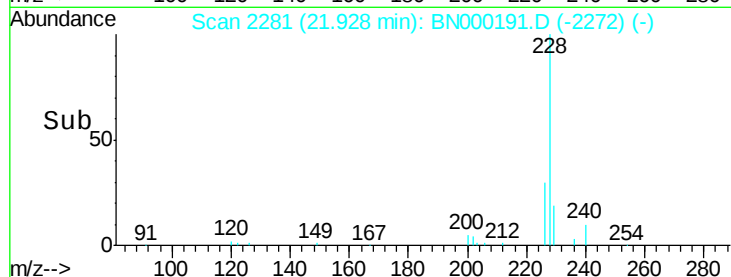
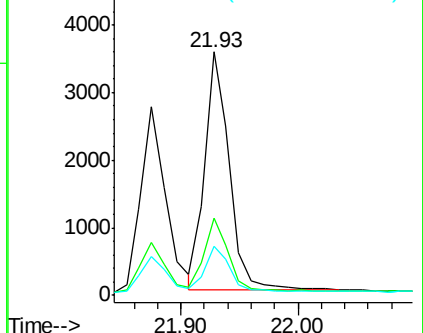
229 20.2 16.0 24.0



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: 0.083 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

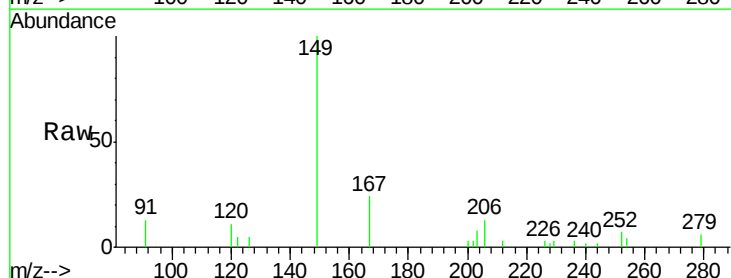
Tgt Ion:149 Resp: 1864

Ion Ratio Lower Upper

149 100

167 25.2 20.0 30.0

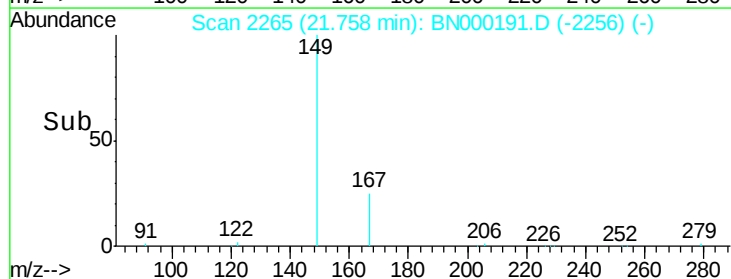
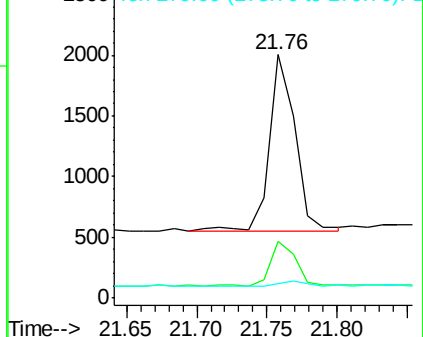
279 3.0 1.6 2.4#



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: 0.060 ng

RT: 26.92 min Scan# 3644

Delta R.T. 0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

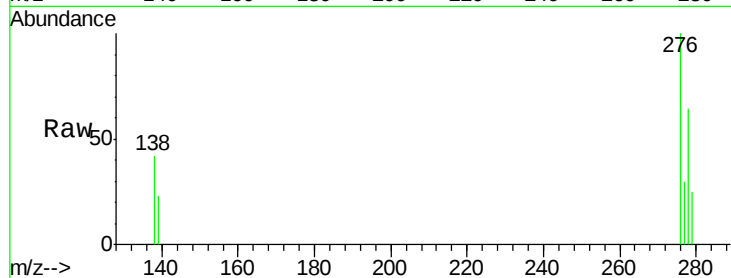
Tgt Ion:276 Resp: 3932

Ion Ratio Lower Upper

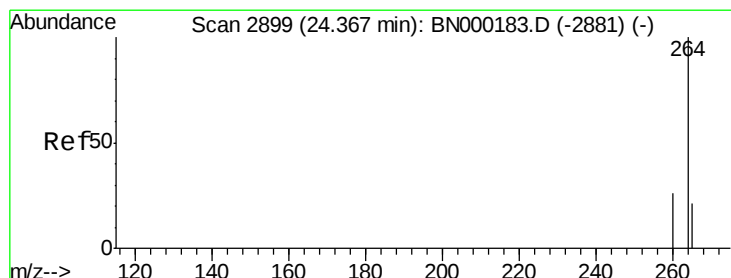
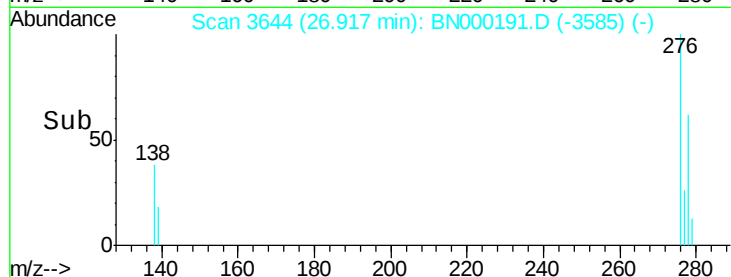
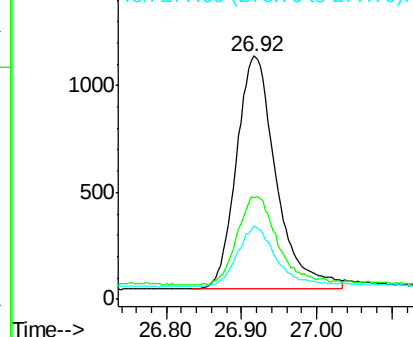
276 100

138 38.1 22.5 33.7#

277 24.6 19.9 29.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.37 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

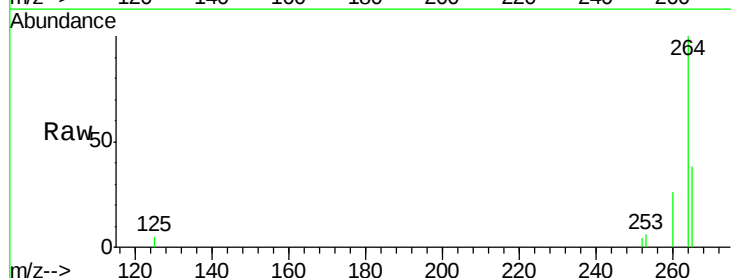
Tgt Ion:264 Resp: 14930

Ion Ratio Lower Upper

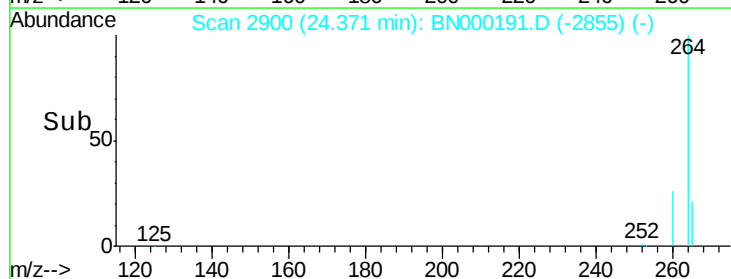
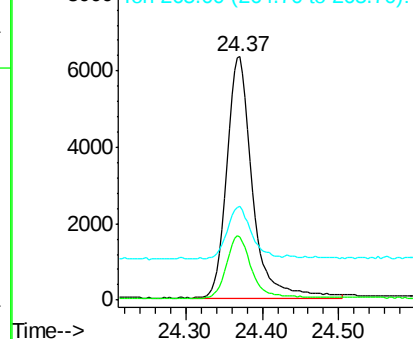
264 100

260 26.0 20.5 30.7

265 38.3 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: 0.070 ng

RT: 23.61 min Scan# 2678

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

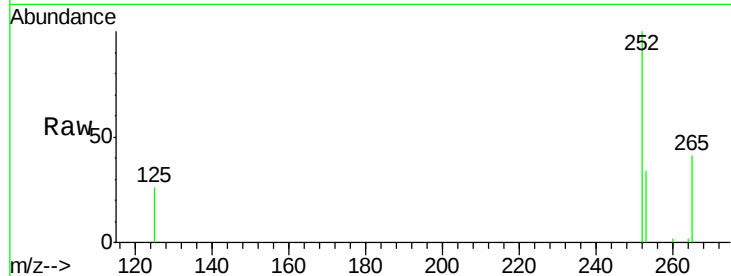
Tgt Ion:252 Resp: 4789

Ion Ratio Lower Upper

252 100

253 33.6 20.0 30.0#

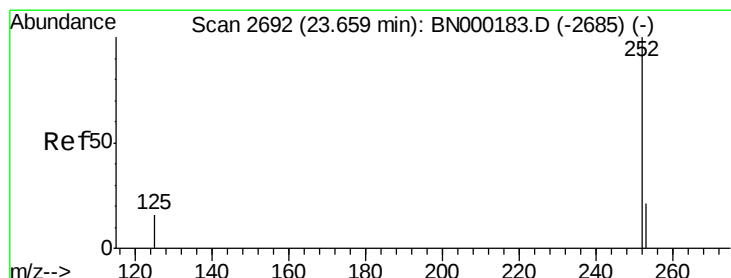
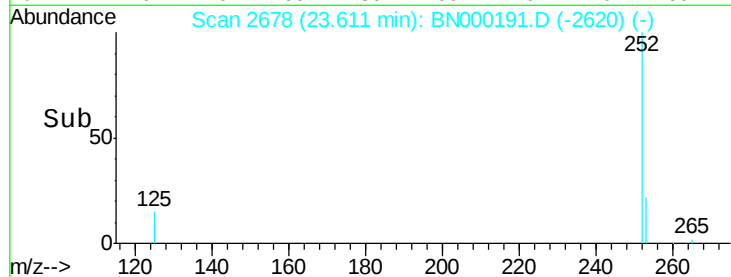
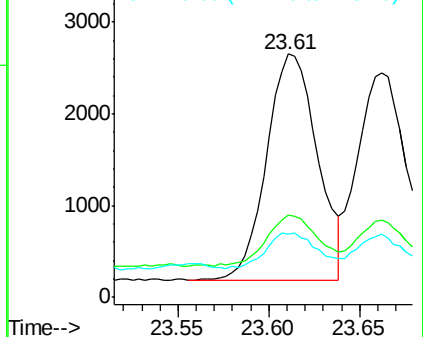
125 26.0 16.0 24.0#



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: 0.065 ng

RT: 23.66 min Scan# 2693

Delta R.T. 0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

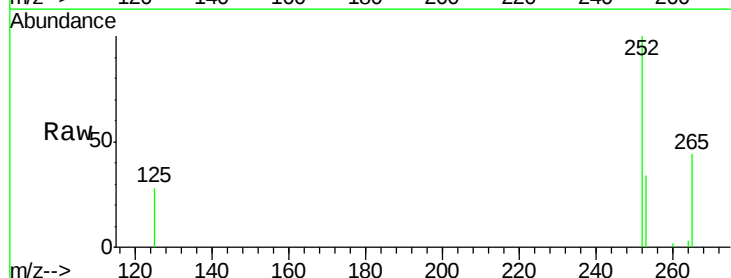
Tgt Ion:252 Resp: 4331

Ion Ratio Lower Upper

252 100

253 34.4 16.0 24.0#

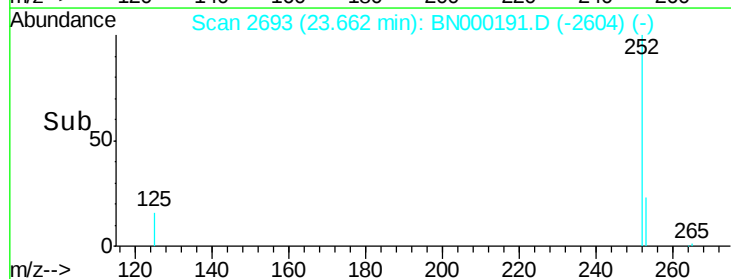
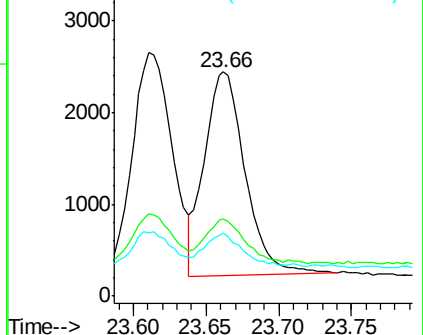
125 28.0 8.0 12.0#

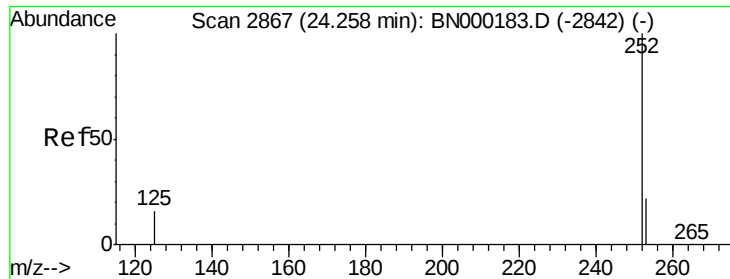


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.061 ng

RT: 24.26 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02

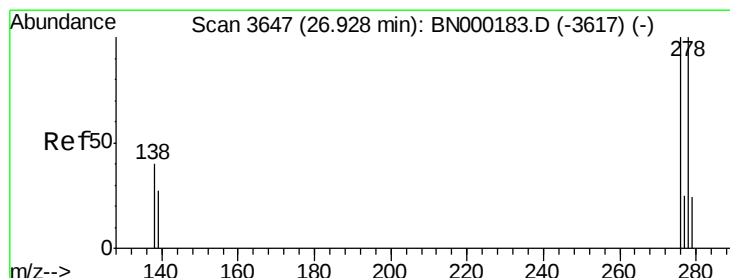
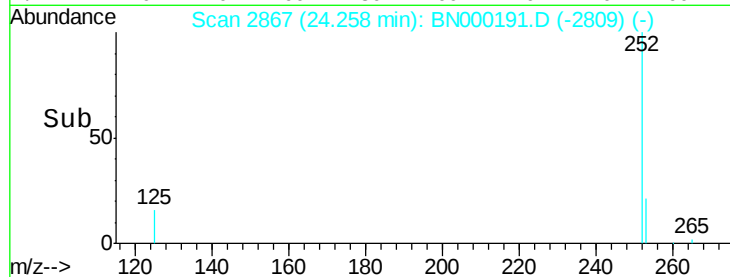
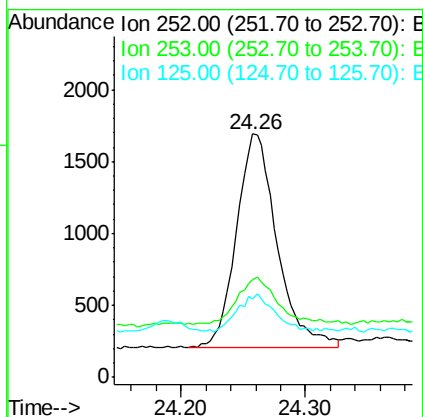
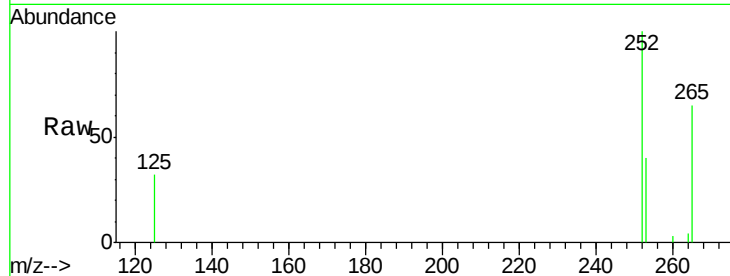
Tgt Ion:252 Resp: 3392

Ion Ratio Lower Upper

252 100

253 40.3 16.0 24.0#

125 32.4 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.061 ng

RT: 26.93 min Scan# 3648

Delta R.T. 0.00 min

Lab File: BN000191.D

Acq: 27 Feb 2018 15:21

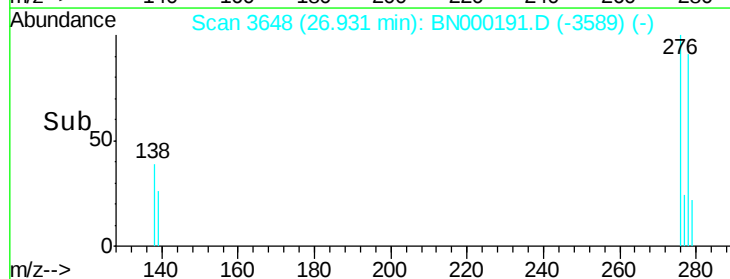
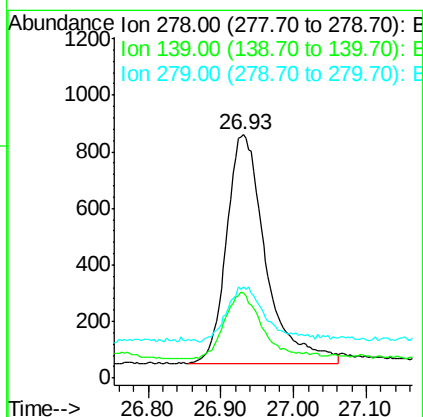
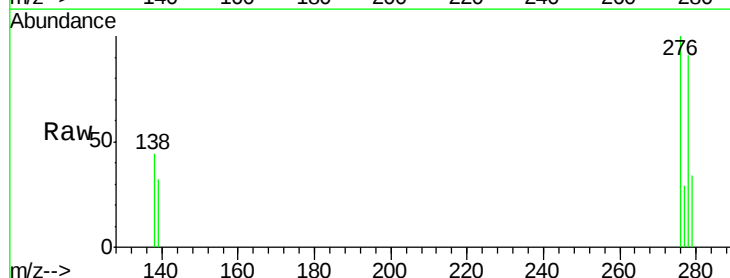
Tgt Ion:278 Resp: 3015

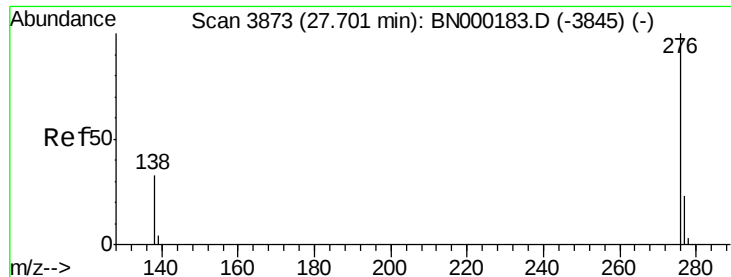
Ion Ratio Lower Upper

278 100

139 35.0 16.0 24.0#

279 37.3 20.0 30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.069 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

Lab File: BN000191.D

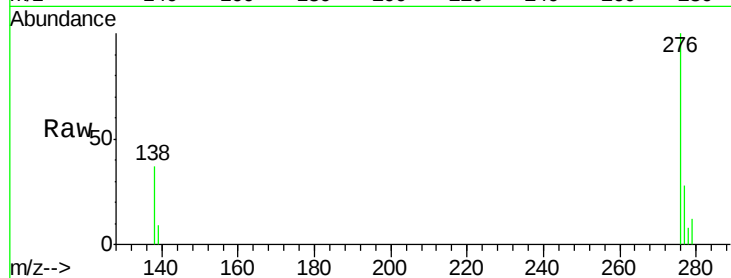
Acq: 27 Feb 2018 15:21

Instrument :

BNA_N

ClientSampleId :

MDL-W-02



Tgt Ion: 276 Resp: 4053

Ion Ratio Lower Upper

276 100

277 27.6 16.0 24.0#

138 37.4 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

