

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000192.D
 Acq On : 27 Feb 2018 15:55
 Operator : JU/SJ
 Sample : MDL-W-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

Quant Time: Feb 27 16:31:41 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	7754	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	28155	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	13562	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	30136	0.40	ng	0.00
27) Chrysene-d12	21.90	240	20256	0.40	ng	0.00
34) Perylene-d12	24.37	264	15372	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	5521	0.34	ng	0.00
5) Phenol-d6	7.58	99	6660	0.32	ng	0.00
8) Nitrobenzene-d5	9.63	82	5525	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	15101	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1226	0.28	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	23850	0.37	ng	0.00
25) Fluoranthene-d10	19.77	212	25758	0.32	ng	0.00
29) Terphenyl-d14	20.33	244	15073	0.42	ng	0.00

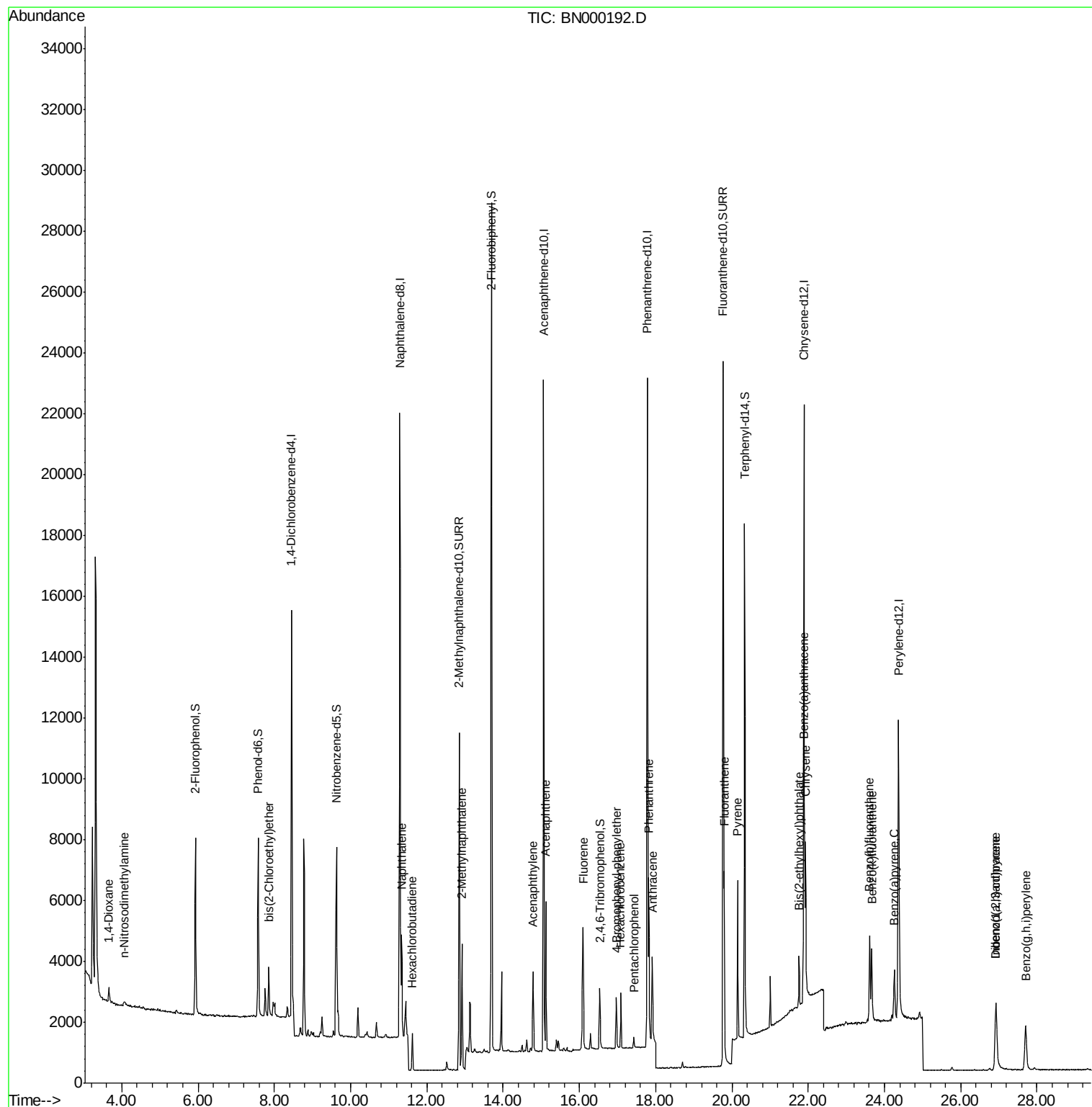
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	501	0.062	ng	96
3) n-Nitrosodimethylamine	4.06	42	129	0.118	ng	# 83
6) bis(2-Chloroethyl)ether	7.85	93	1424	0.054	ng	100
9) Naphthalene	11.34	128	4586	0.056	ng	# 92
10) Hexachlorobutadiene	11.62	225	775	0.055	ng	98
12) 2-Methylnaphthalene	12.92	142	2822	0.052	ng	98
16) Acenaphthylene	14.78	152	2958	0.046	ng	99
17) Acenaphthene	15.13	154	2589	0.051	ng	95
18) Fluorene	16.10	166	3116	0.050	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	822	0.047	ng	# 81
21) Hexachlorobenzene	17.09	284	1240	0.053	ng	94
22) Pentachlorophenol	17.43	266	213	0.124	ng	# 81
23) Phenanthrene	17.82	178	5391	0.051	ng	95
24) Anthracene	17.91	178	3491	0.043	ng	95
26) Fluoranthene	19.80	202	5214	0.047	ng	# 95
28) Pyrene	20.15	202	5108	0.064	ng	98
30) Benzo(a)anthracene	21.87	228	3293	0.052	ng	97
31) Chrysene	21.93	228	4129	0.055	ng	98
32) Bis(2-ethylhexyl)phthalate	21.76	149	1712	0.072	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.92	276	3017	0.043	ng	# 88
35) Benzo(b)fluoranthene	23.61	252	3874	0.055	ng	# 81
36) Benzo(k)fluoranthene	23.66	252	3379	0.049	ng	# 57
37) Benzo(a)pyrene	24.25	252	2662	0.047	ng	# 46
38) Dibenzo(a,h)anthracene	26.93	278	2370	0.047	ng	# 63
39) Benzo(g,h,i)perylene	27.70	276	3129	0.052	ng	# 75

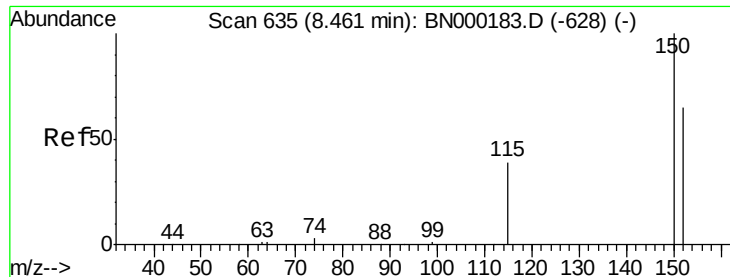
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 27 15:07:57 2018
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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: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

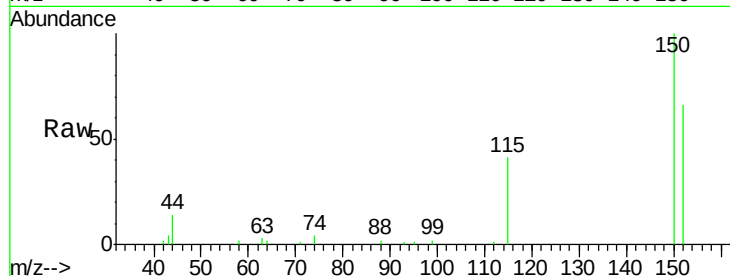
Tgt Ion:152 Resp: 7754

Ion Ratio Lower Upper

152 100

150 151.1 117.2 175.8

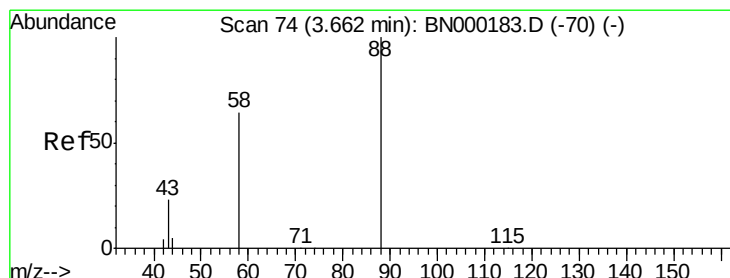
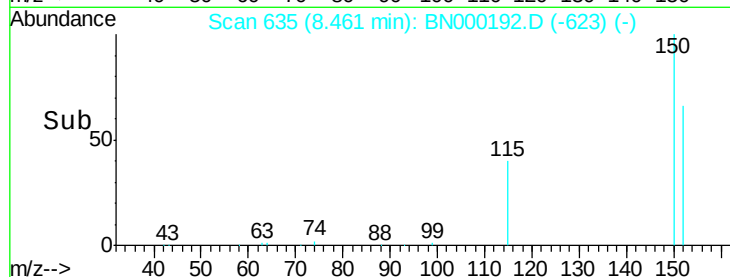
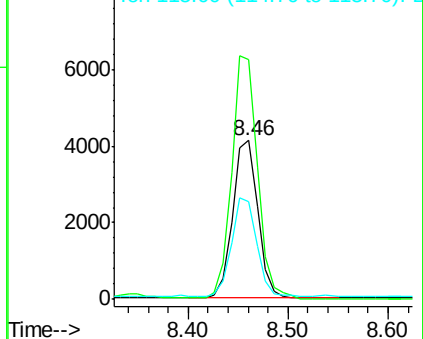
115 61.7 57.0 85.6



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: 0.062 ng

RT: 3.66 min Scan# 74

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

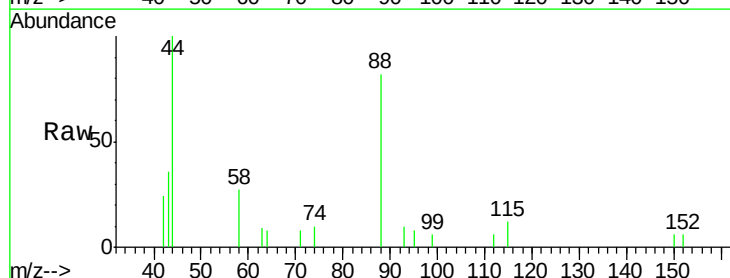
Tgt Ion: 88 Resp: 501

Ion Ratio Lower Upper

88 100

58 63.7 48.0 72.0

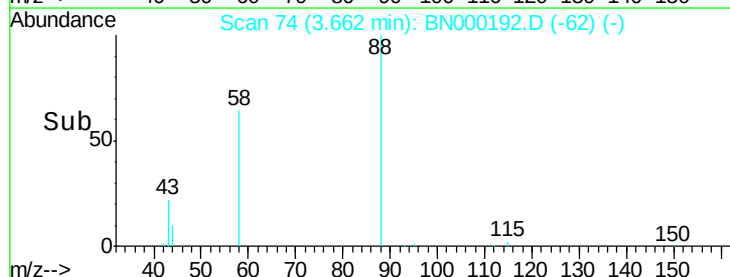
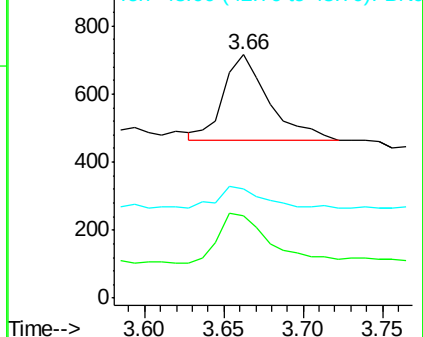
43 25.9 20.0 30.0

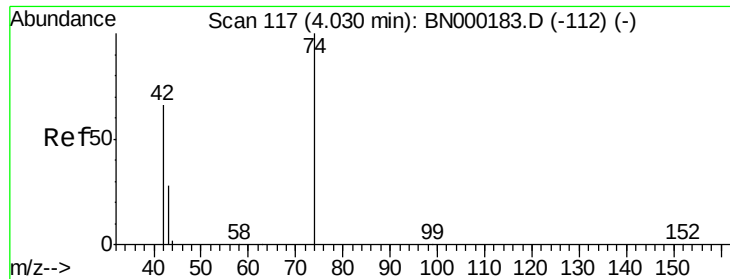


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.118 ng

RT: 4.06 min Scan# 121

Delta R.T. 0.04 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

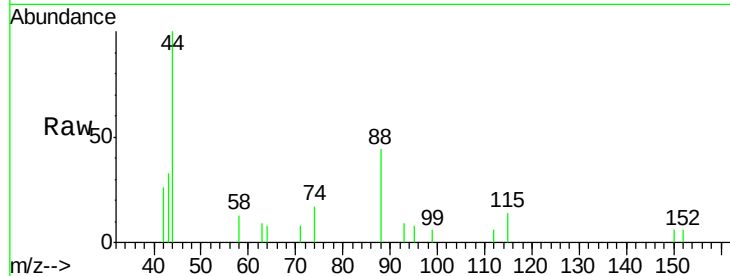
Tgt Ion: 42 Resp: 129

Ion Ratio Lower Upper

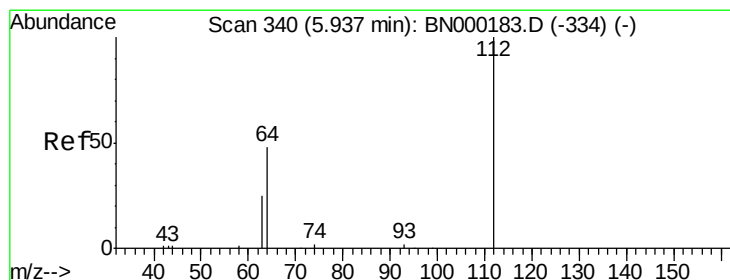
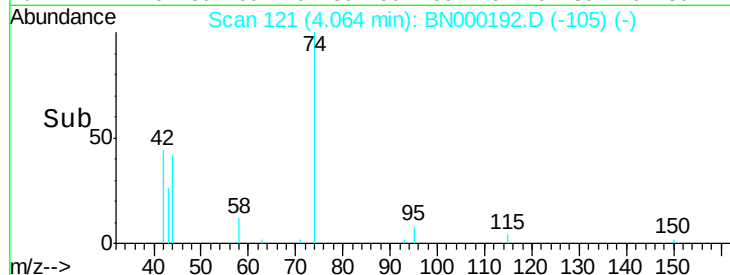
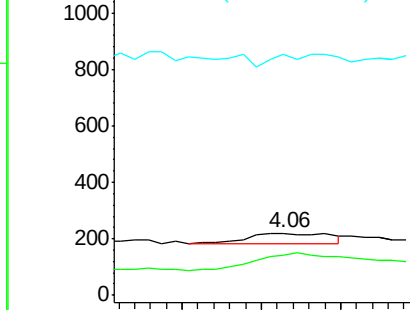
42 100

74 138.8 120.0 180.0

44 90.7 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: 0.337 ng

RT: 5.93 min Scan# 339

Delta R.T. -0.01 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

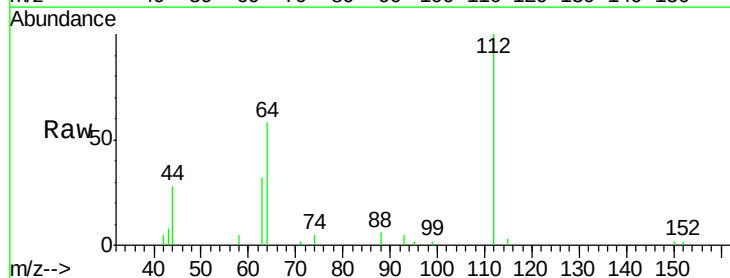
Tgt Ion: 112 Resp: 5521

Ion Ratio Lower Upper

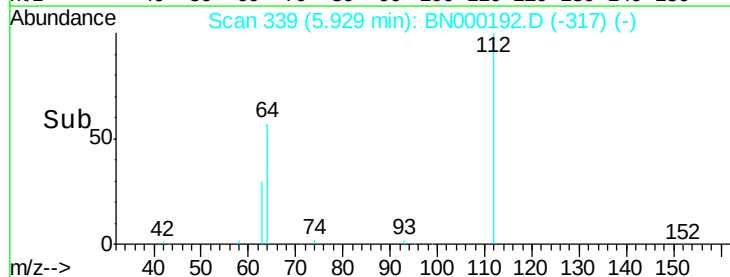
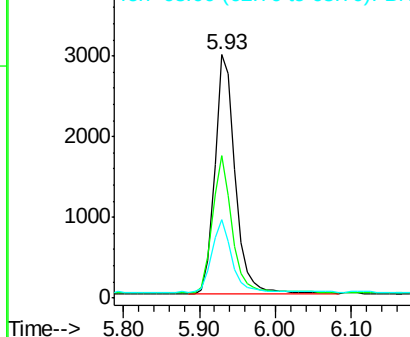
112 100

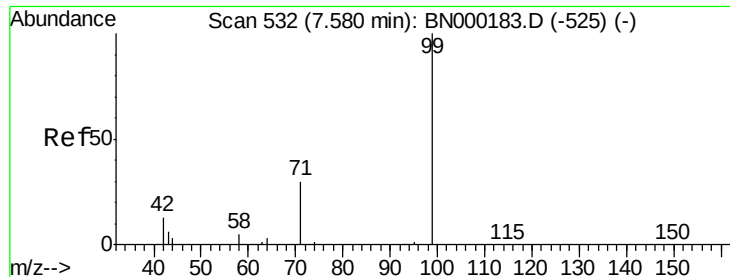
64 54.3 60.1 90.1#

63 28.5 116.8 175.2#



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: 0.320 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

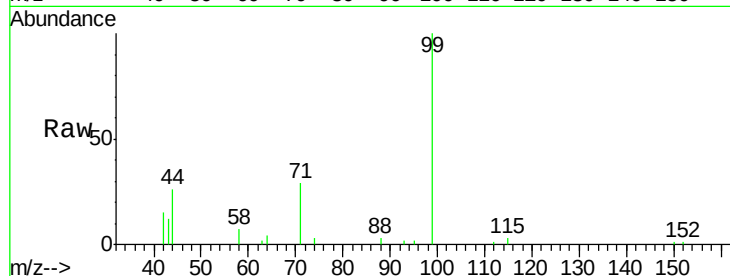
Tgt Ion: 99 Resp: 6660

Ion Ratio Lower Upper

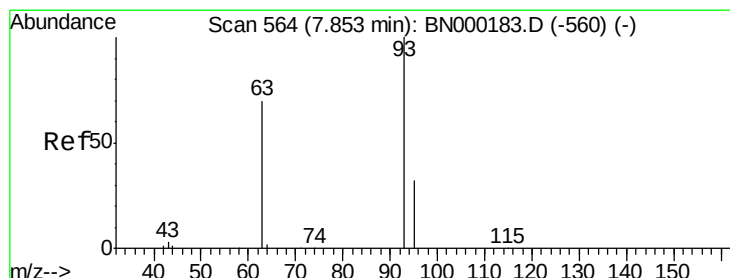
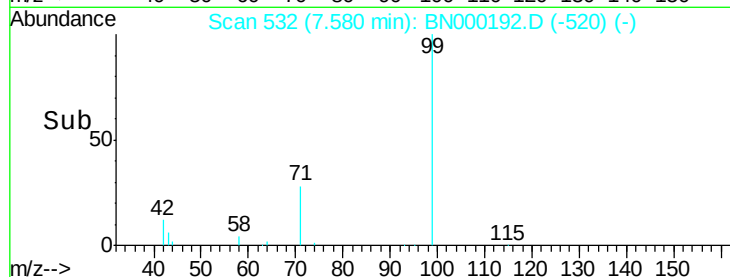
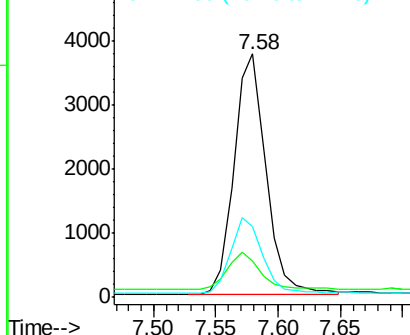
99 100

42 15.7 20.2 30.2#

71 31.5 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.054 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

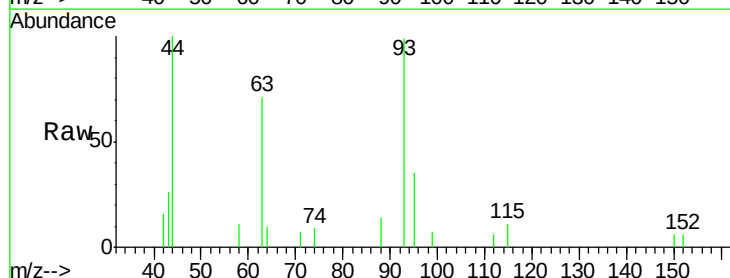
Tgt Ion: 93 Resp: 1424

Ion Ratio Lower Upper

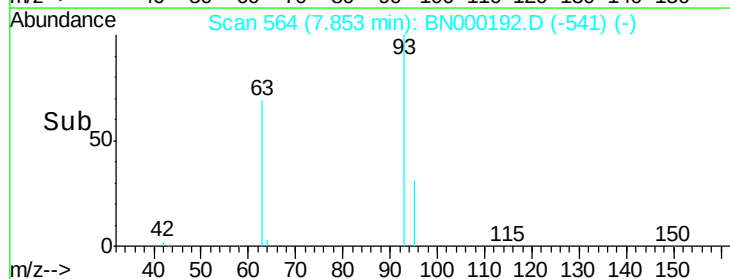
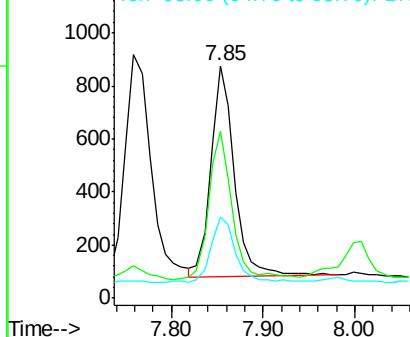
93 100

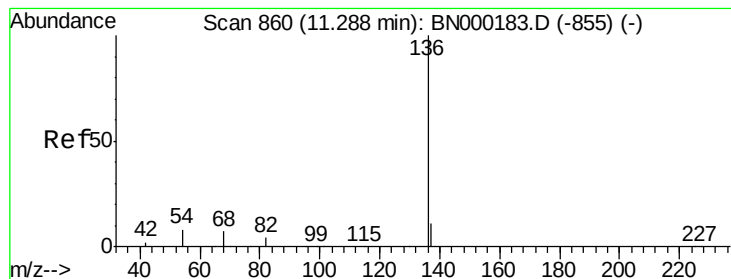
63 69.7 56.0 84.0

95 31.1 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

Tgt Ion:136 Resp: 28155

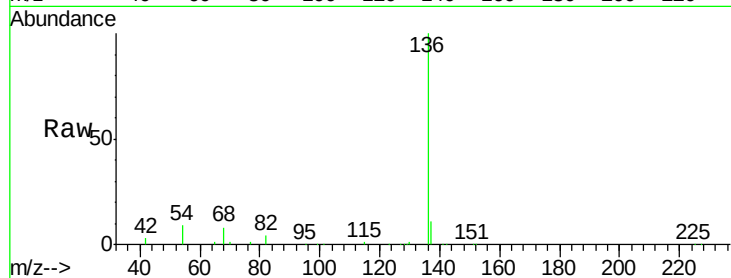
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 8.7 29.1 43.7#

68 7.9 6.2 9.2

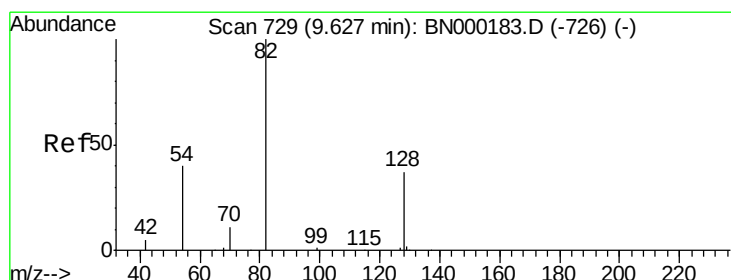
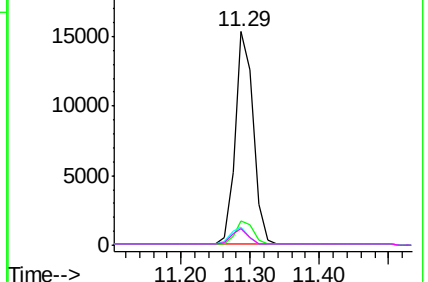
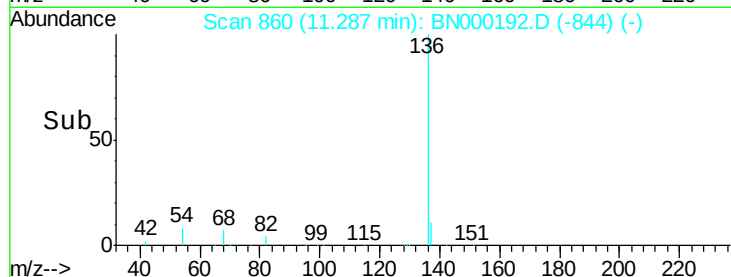


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.331 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

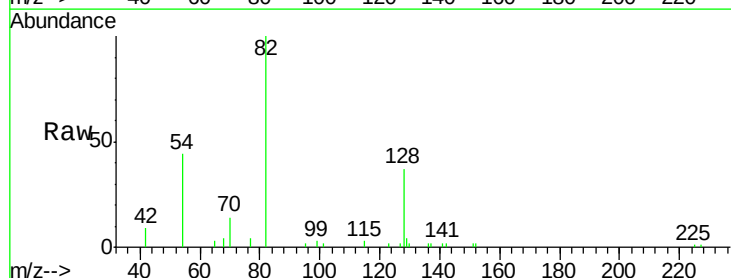
Tgt Ion: 82 Resp: 5525

Ion Ratio Lower Upper

82 100

128 37.0 150.0 225.0#

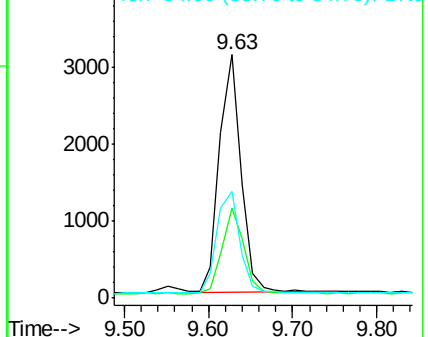
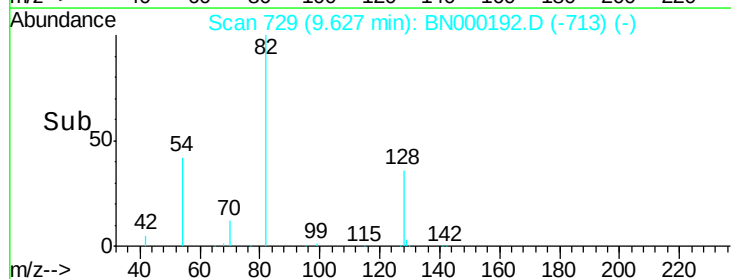
54 43.7 154.2 231.4#

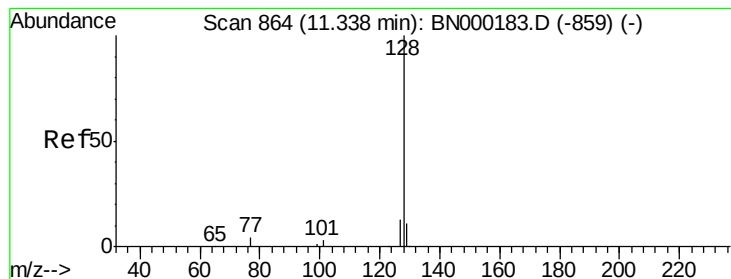


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.056 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

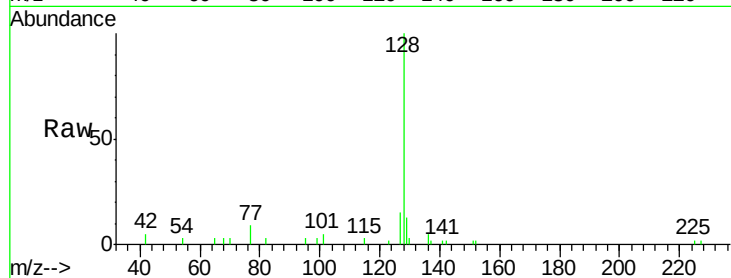
Tgt Ion:128 Resp: 4586

Ion Ratio Lower Upper

128 100

129 13.0 8.0 12.0#

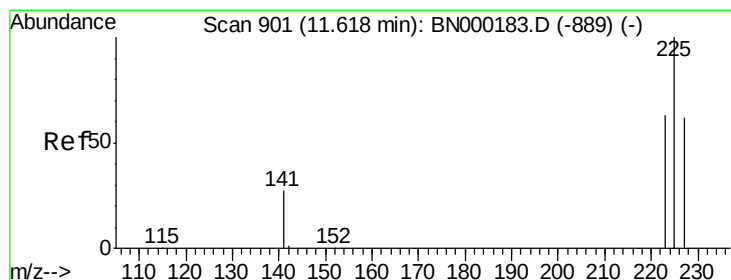
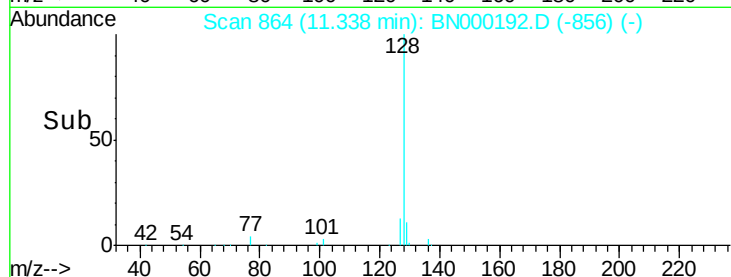
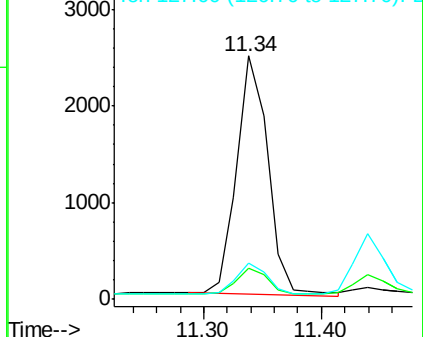
127 14.8 9.6 14.4#



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: 0.055 ng

RT: 11.62 min Scan# 901

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

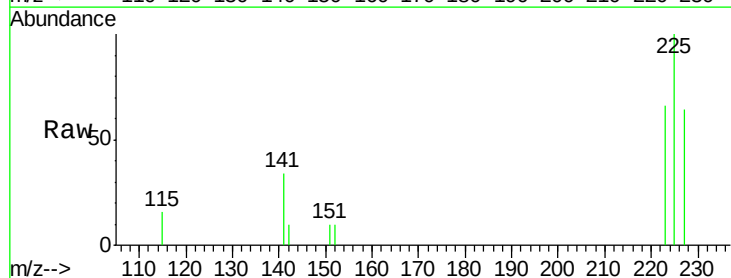
Tgt Ion:225 Resp: 775

Ion Ratio Lower Upper

225 100

223 64.3 53.0 79.6

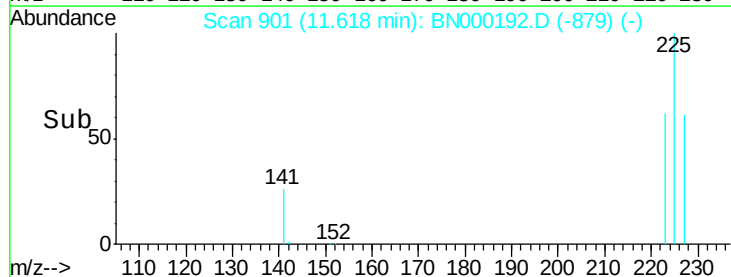
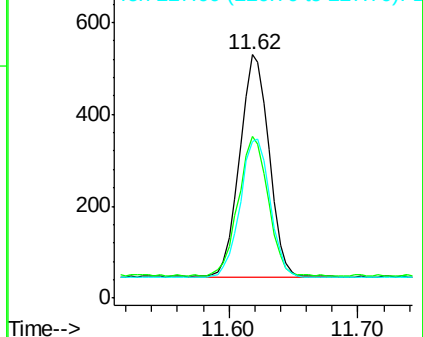
227 62.8 51.4 77.2

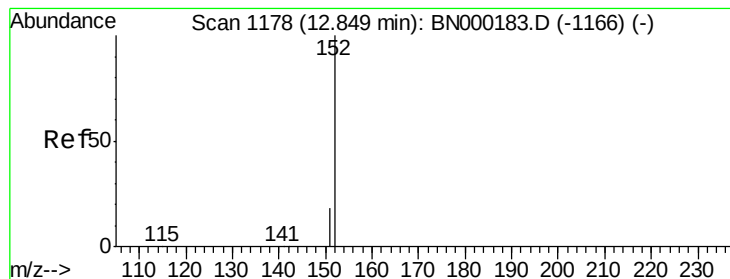


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

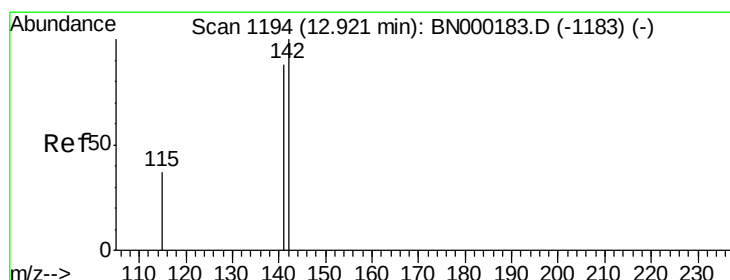
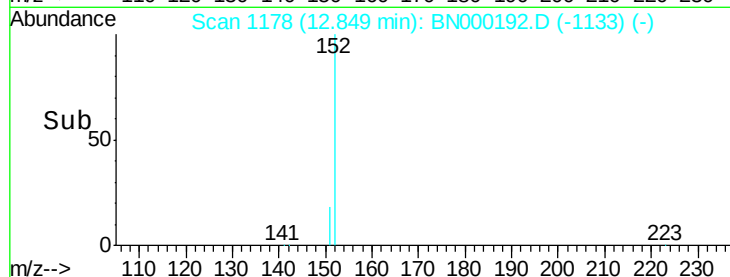
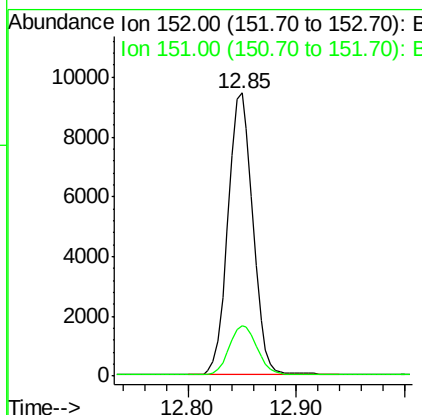
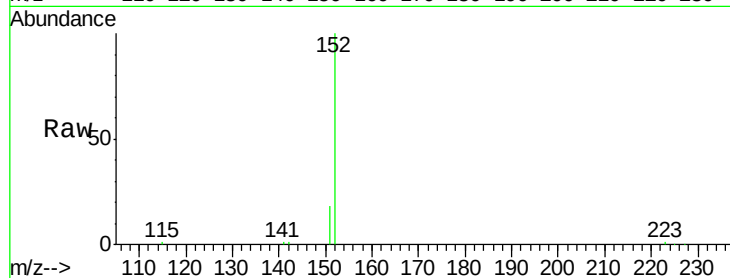




#11
 2-Methylnaphthalene-d10
 Concen: 0.356 ng
 RT: 12.85 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BN000192.D
 Acq: 27 Feb 2018 15:55

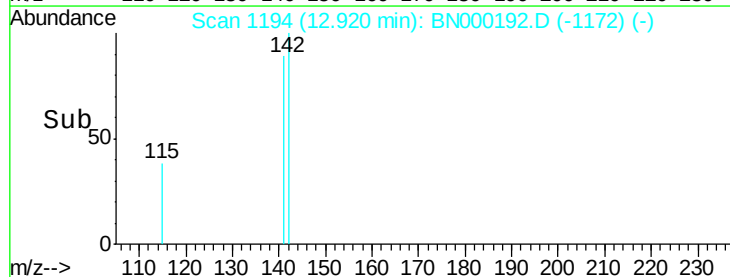
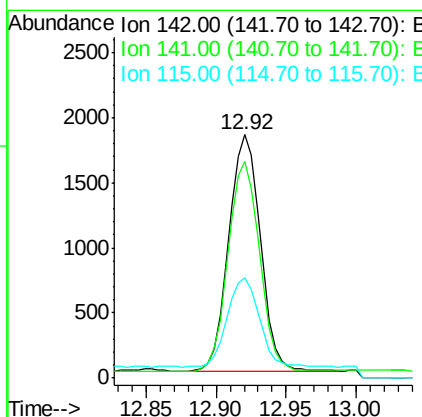
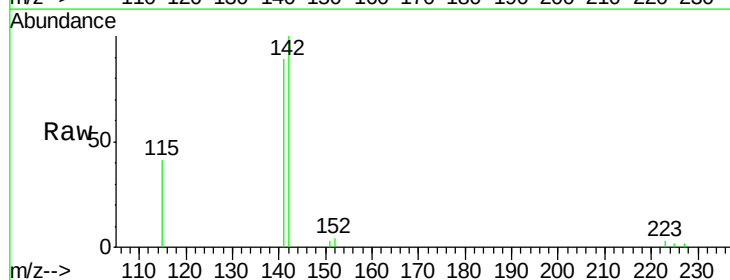
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

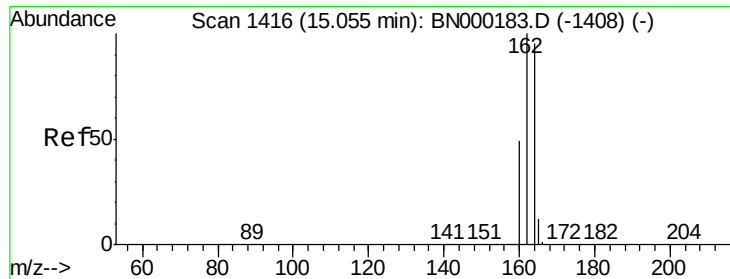
Tgt Ion:152 Resp: 15101
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.052 ng
 RT: 12.92 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BN000192.D
 Acq: 27 Feb 2018 15:55

Tgt Ion:142 Resp: 2822
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.4 105.6
 115 41.1 31.7 47.5

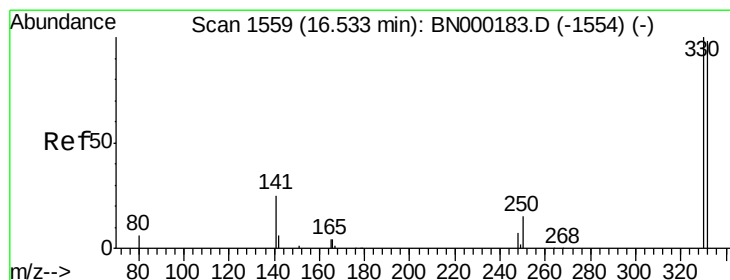
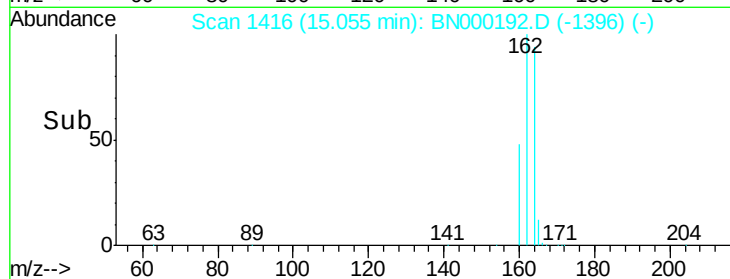
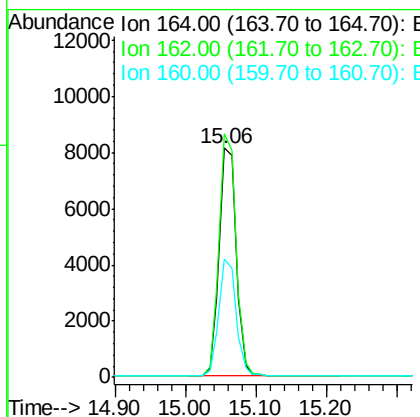
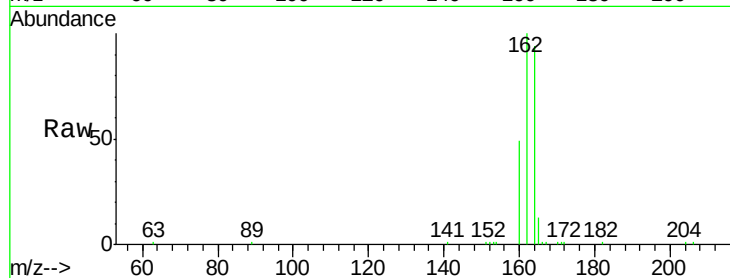




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: BN000192.D
 Acq: 27 Feb 2018 15:55

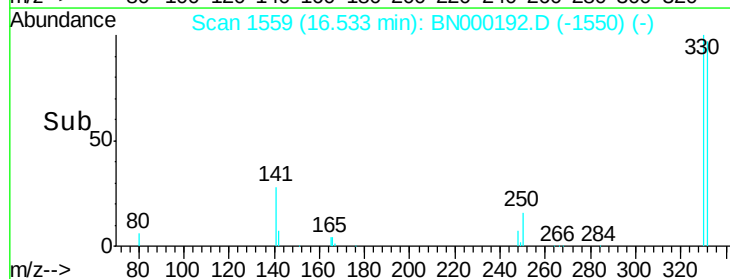
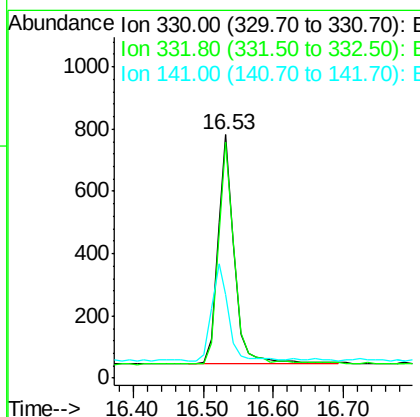
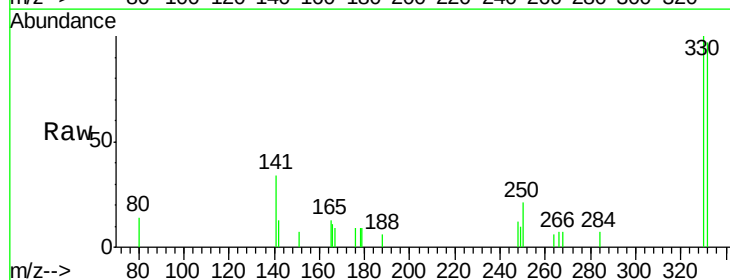
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-03

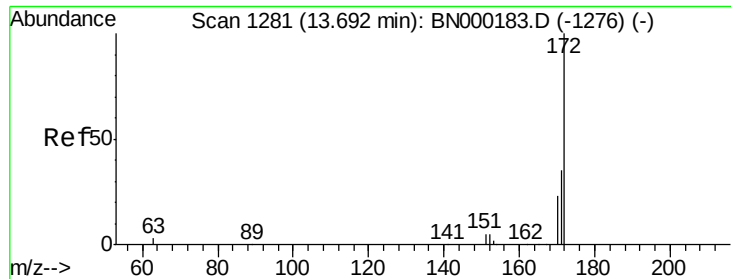
Tgt Ion:164 Resp: 13562
 Ion Ratio Lower Upper
 164 100
 162 106.1 83.1 124.7
 160 51.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.285 ng
 RT: 16.53 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BN000192.D
 Acq: 27 Feb 2018 15:55

Tgt Ion:330 Resp: 1226
 Ion Ratio Lower Upper
 330 100
 332 95.8 152.7 229.1#
 141 42.6 33.7 50.5

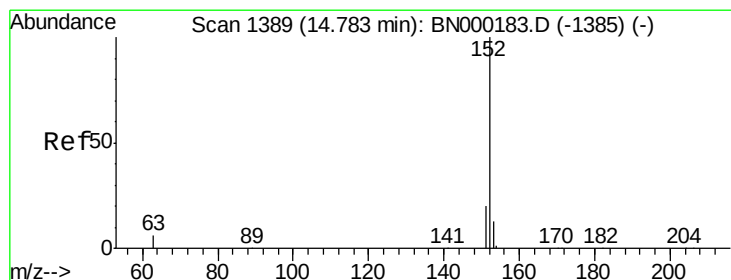
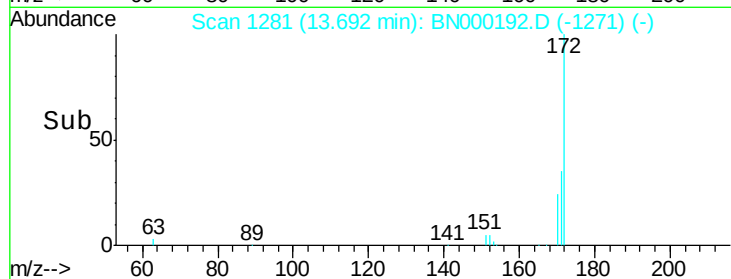
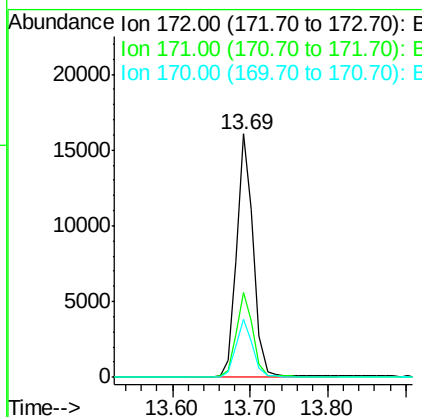
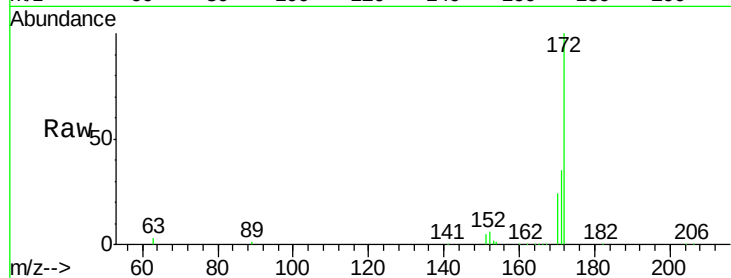




#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.69 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN000192.D
Acq: 27 Feb 2018 15:55

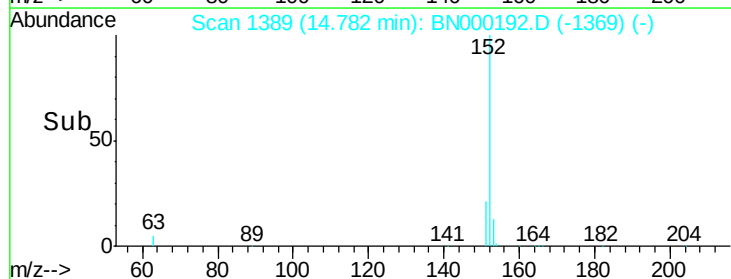
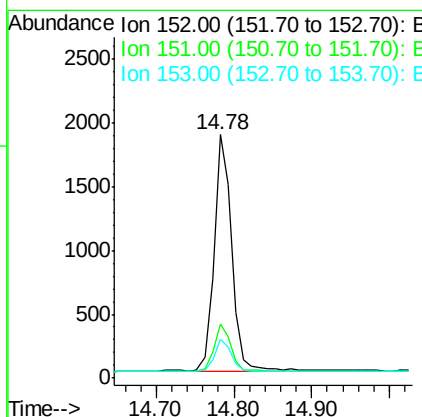
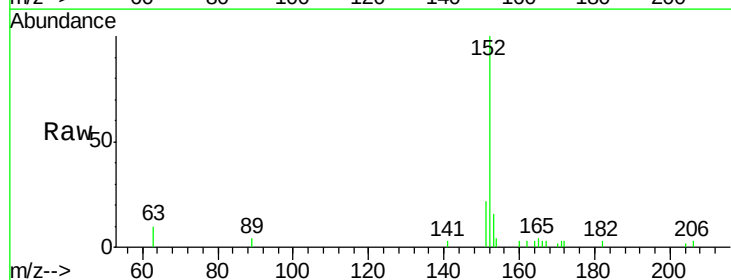
Instrument :
BNA_N
ClientSampleId :
MDL-W-03

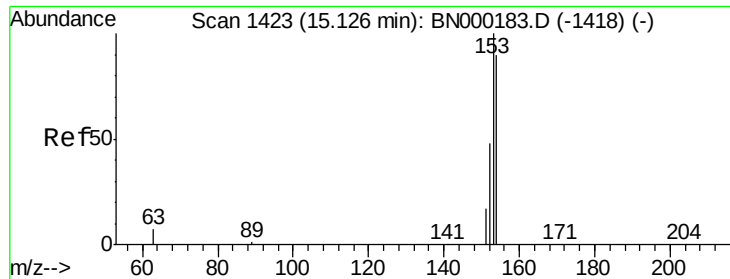
Tgt Ion:172 Resp: 23850
Ion Ratio Lower Upper
172 100
171 35.0 29.9 44.9
170 23.8 21.8 32.8



#16
Acenaphthylene
Concen: 0.046 ng
RT: 14.78 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BN000192.D
Acq: 27 Feb 2018 15:55

Tgt Ion:152 Resp: 2958
Ion Ratio Lower Upper
152 100
151 20.4 15.7 23.5
153 13.5 10.5 15.7

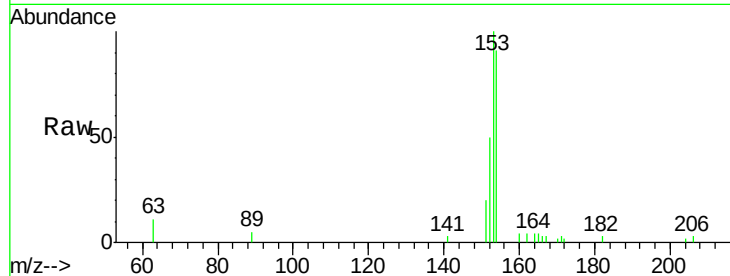




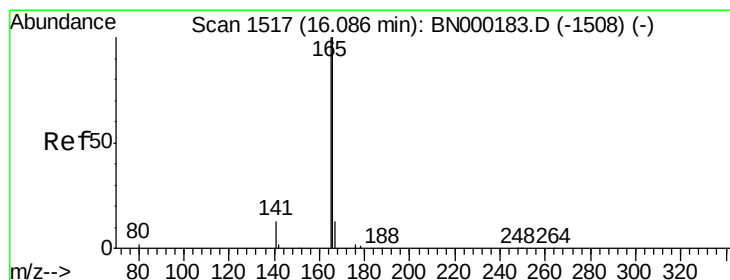
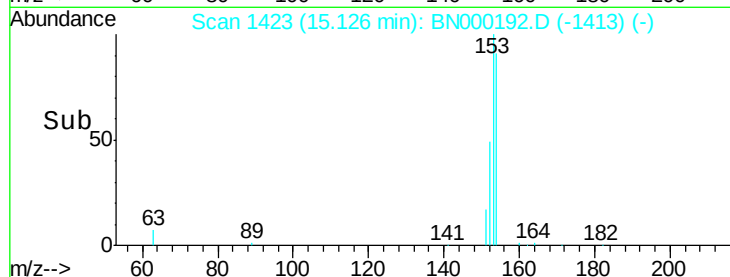
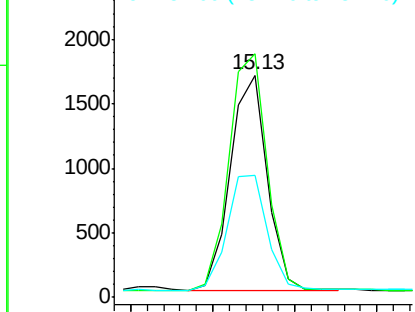
#17
Acenaphthene
Concen: 0.051 ng
RT: 15.13 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN000192.D
Acq: 27 Feb 2018 15:55

Instrument :
BNA_N
ClientSampleId :
MDL-W-03

Tgt Ion:154 Resp: 2589
Ion Ratio Lower Upper
154 100
153 114.6 89.2 133.8
152 58.4 42.0 63.0

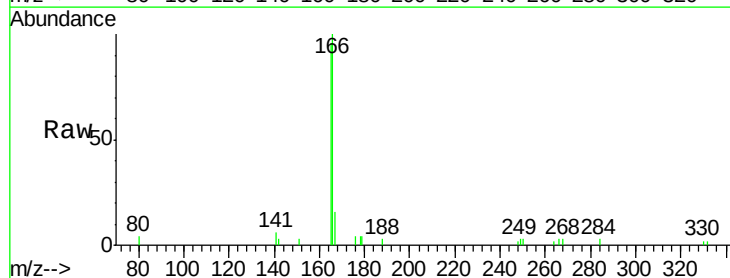


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

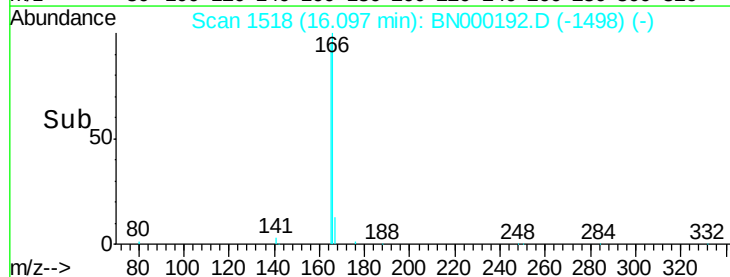
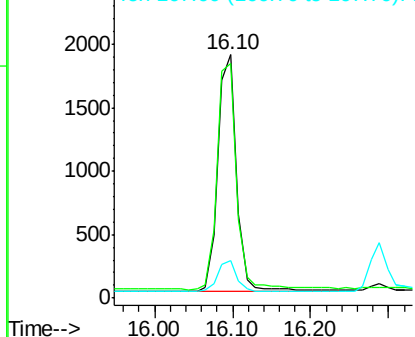


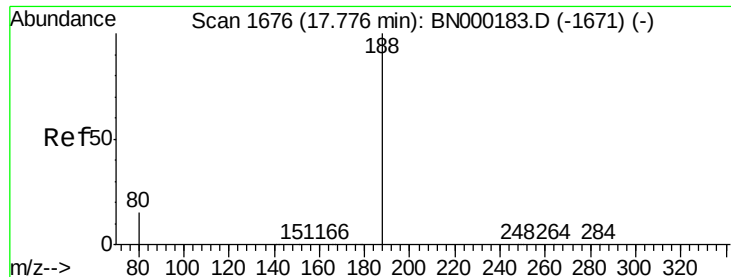
#18
Fluorene
Concen: 0.050 ng
RT: 16.10 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BN000192.D
Acq: 27 Feb 2018 15:55

Tgt Ion:166 Resp: 3116
Ion Ratio Lower Upper
166 100
165 98.7 77.8 116.6
167 14.0 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: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

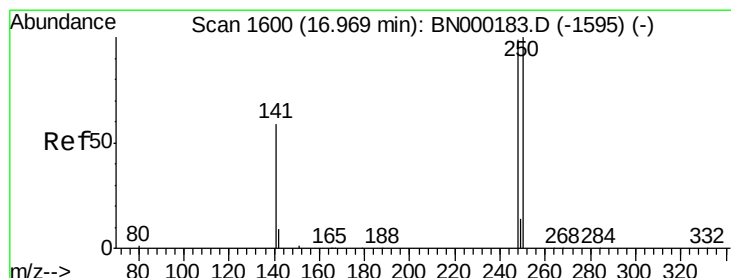
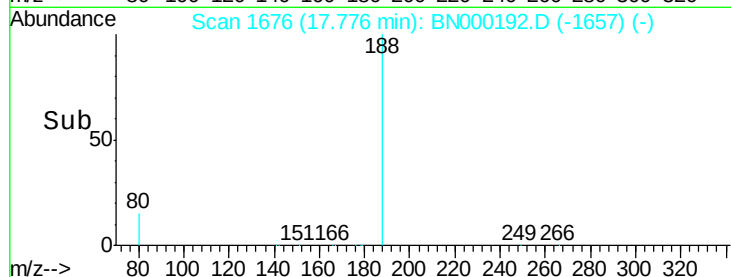
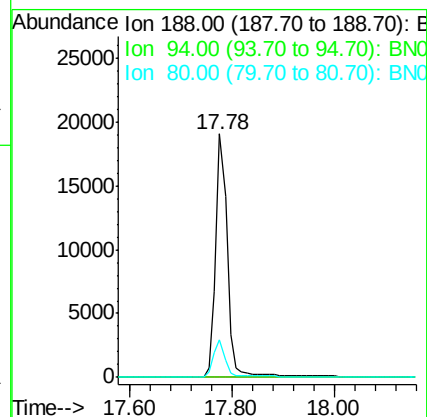
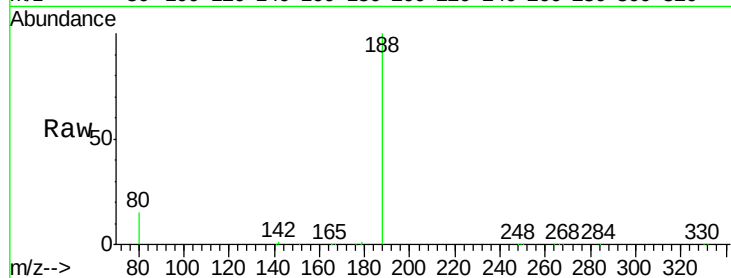
Tgt Ion:188 Resp: 30136

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 15.4 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.047 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

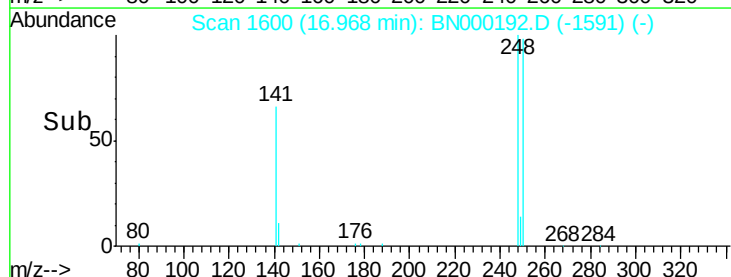
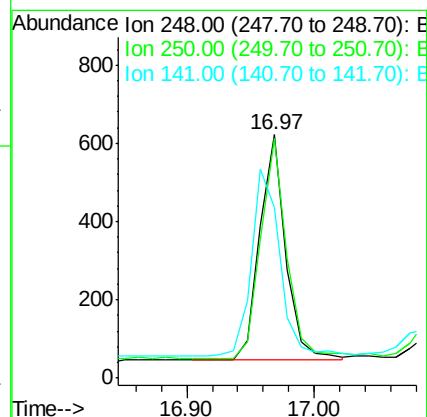
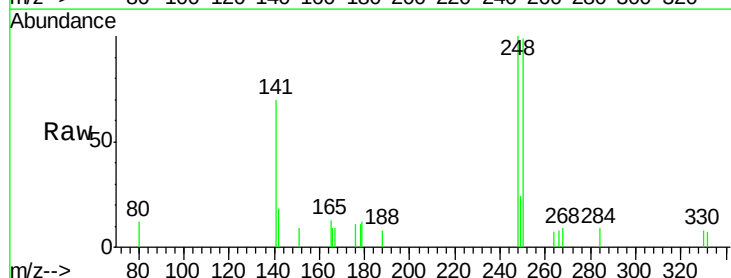
Tgt Ion:248 Resp: 822

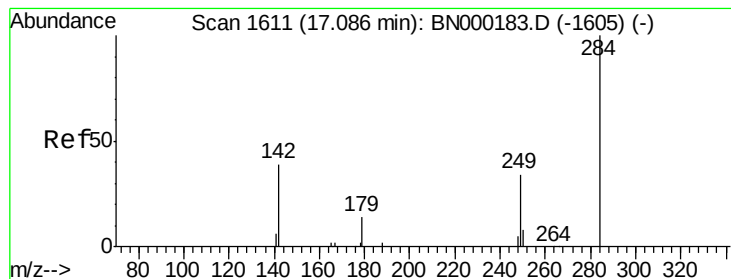
Ion Ratio Lower Upper

248 100

250 98.6 62.7 94.1#

141 69.9 48.2 72.2





#21

Hexachlorobenzene

Concen: 0.053 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

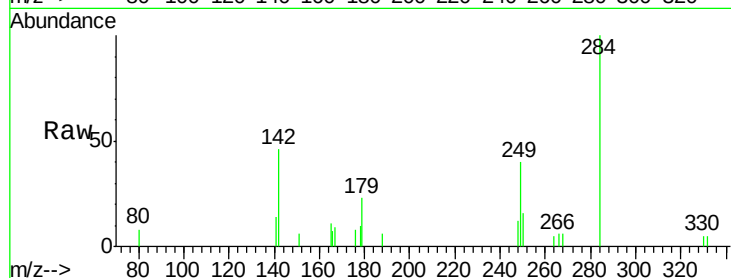
Tgt Ion:284 Resp: 1240

Ion Ratio Lower Upper

284 100

142 43.1 32.0 48.0

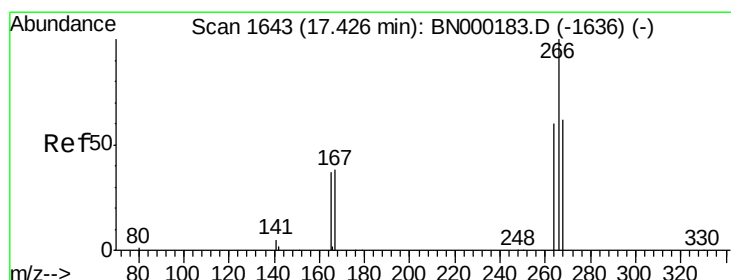
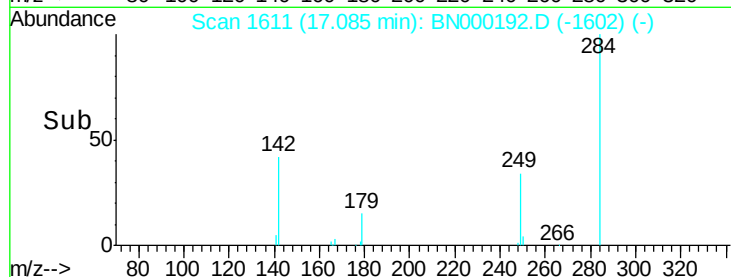
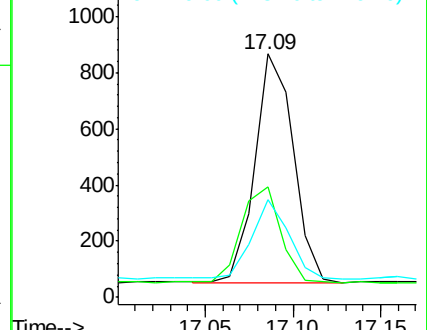
249 34.0 24.0 36.0



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: 0.124 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

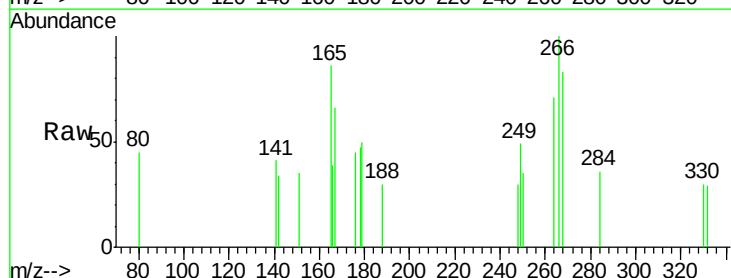
Tgt Ion:266 Resp: 213

Ion Ratio Lower Upper

266 100

264 71.0 48.0 72.0

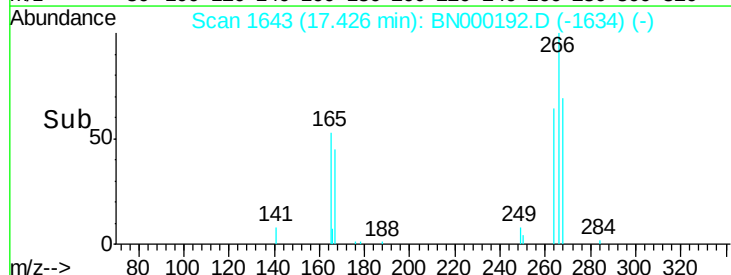
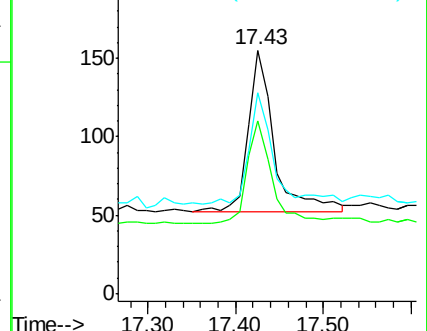
268 82.6 52.0 78.0#

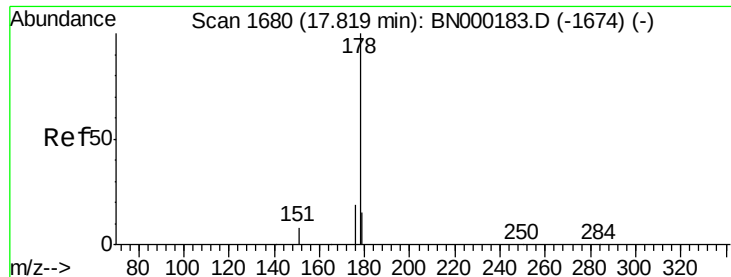


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.051 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

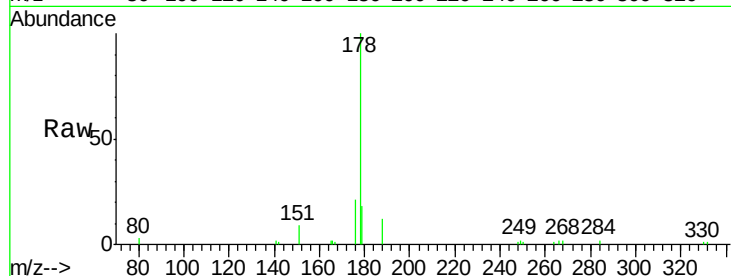
Tgt Ion:178 Resp: 5391

Ion Ratio Lower Upper

178 100

176 20.7 15.1 22.7

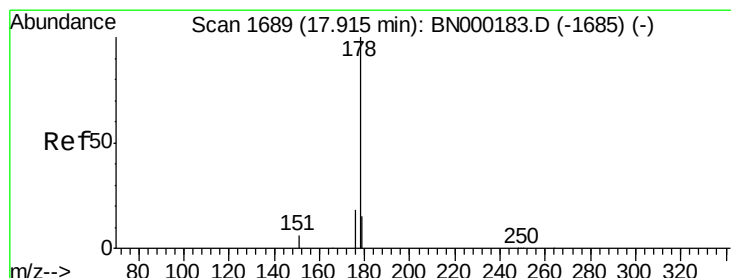
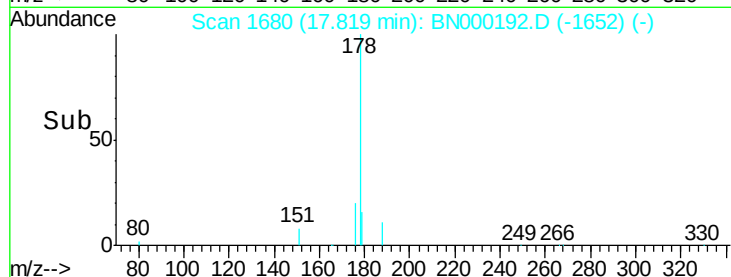
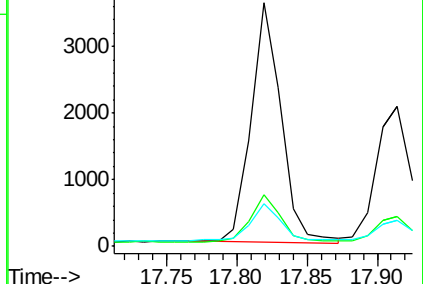
179 17.0 11.8 17.6



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: 0.043 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

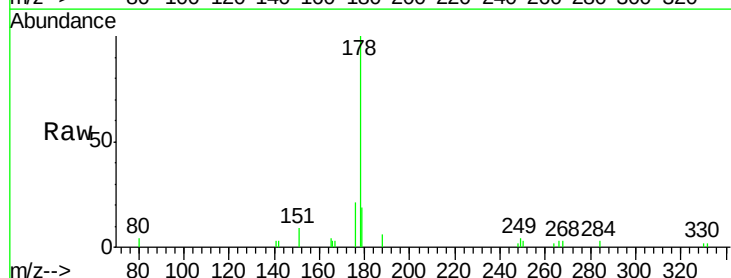
Tgt Ion:178 Resp: 3491

Ion Ratio Lower Upper

178 100

176 18.6 12.8 19.2

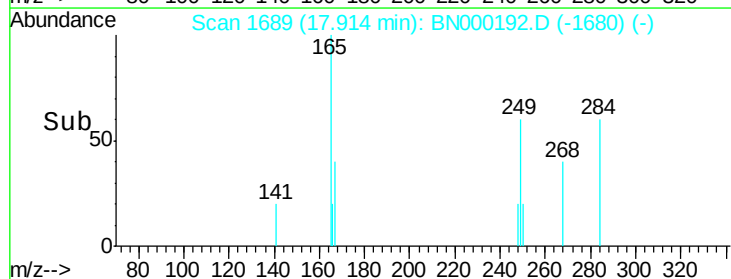
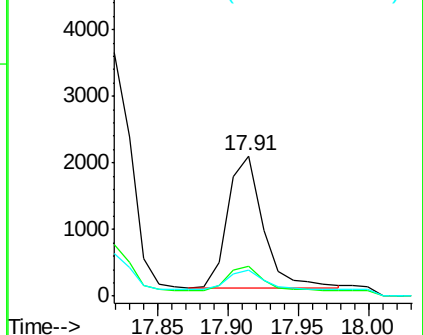
179 15.1 13.0 19.6

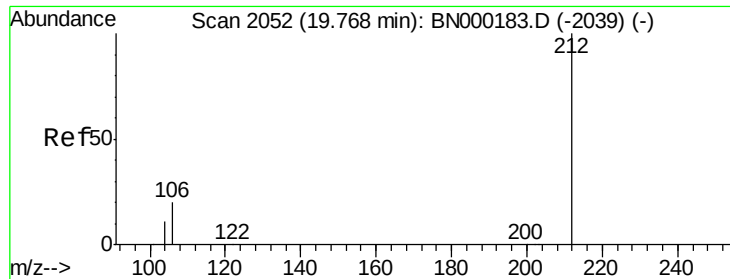


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

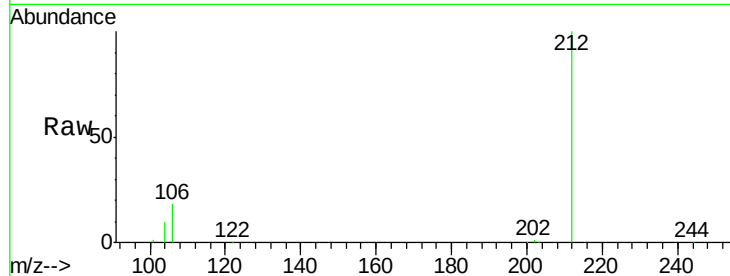
Tgt Ion:212 Resp: 25758

Ion Ratio Lower Upper

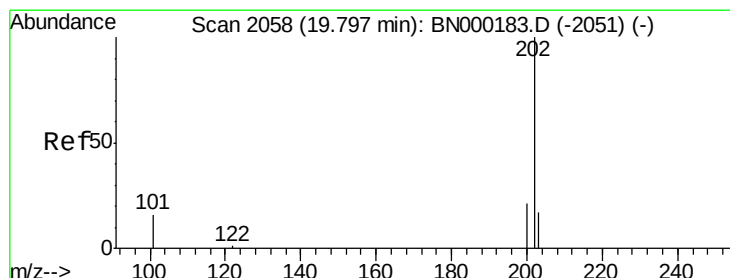
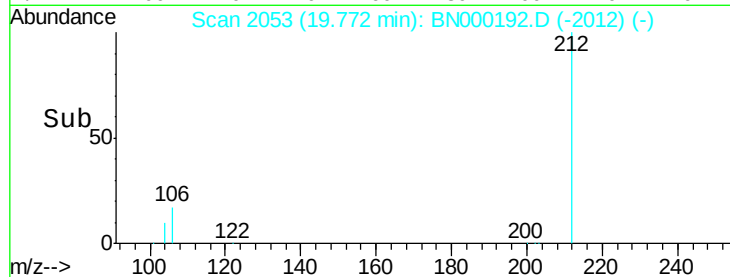
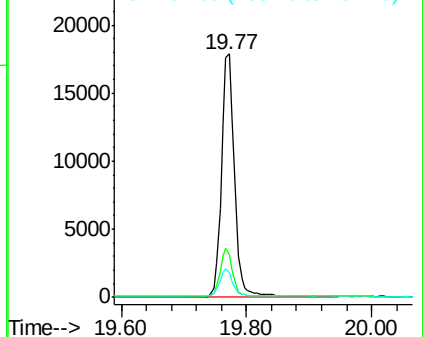
212 100

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: 0.047 ng

RT: 19.80 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

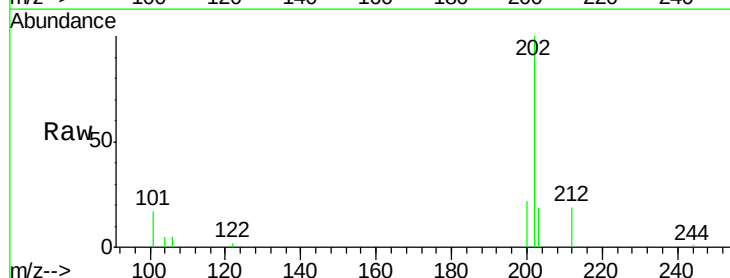
Tgt Ion:202 Resp: 5214

Ion Ratio Lower Upper

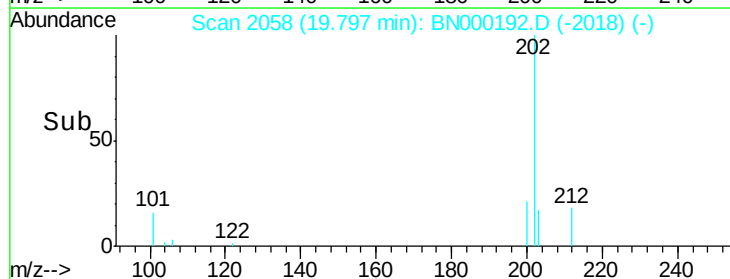
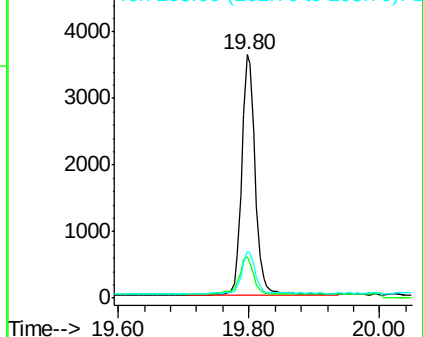
202 100

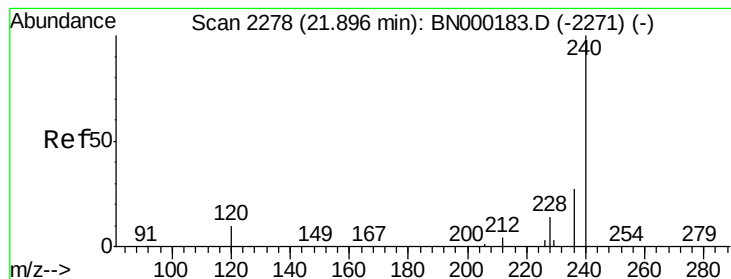
101 16.7 9.8 14.8#

203 16.7 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: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

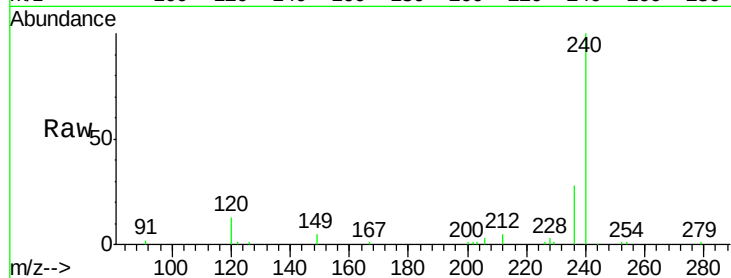
Tgt Ion:240 Resp: 20256

Ion Ratio Lower Upper

240 100

120 12.6 5.5 8.3#

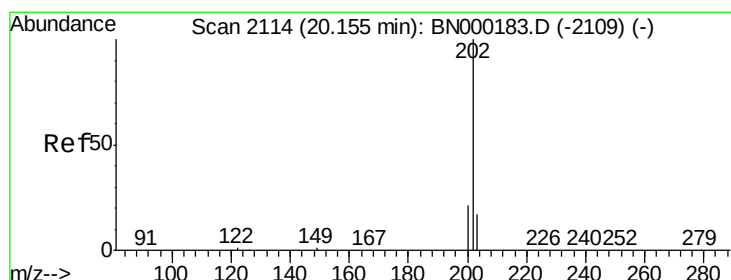
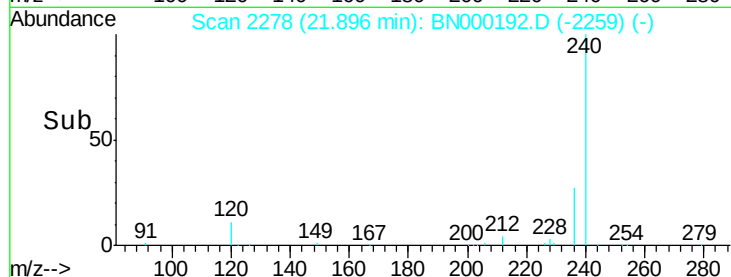
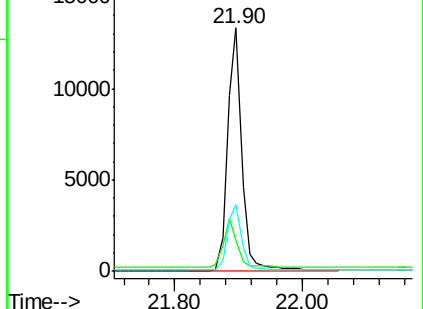
236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.064 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

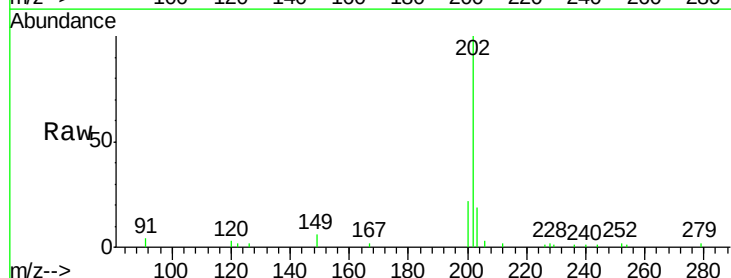
Tgt Ion:202 Resp: 5108

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

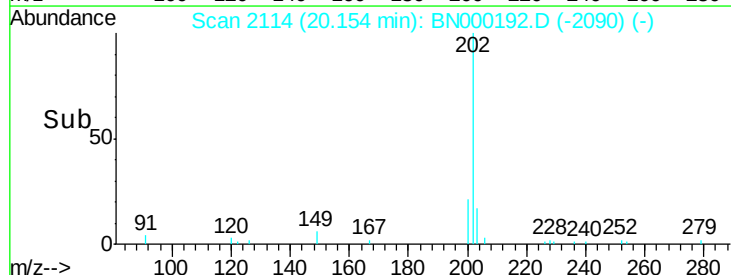
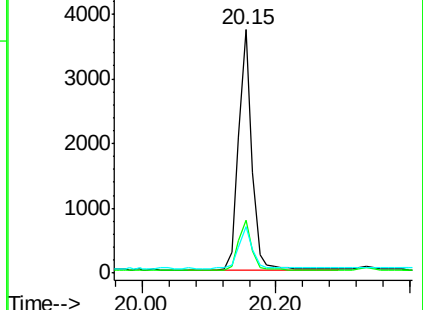
203 18.6 13.8 20.8

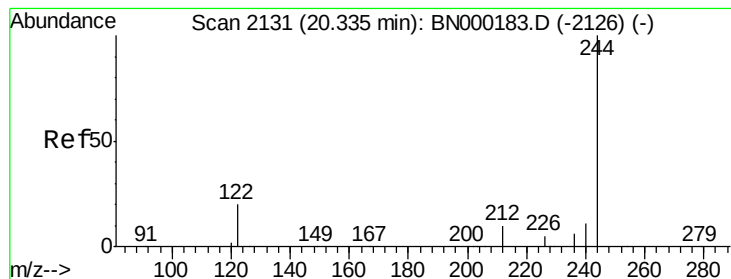


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.424 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

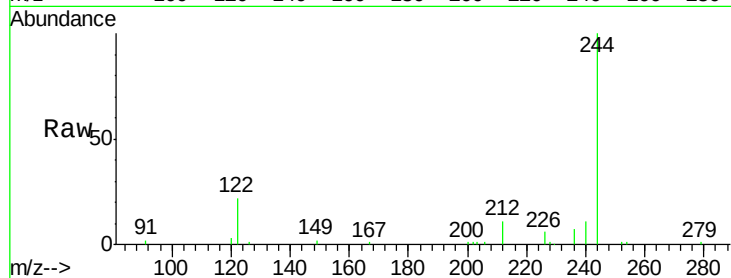
Tgt Ion:244 Resp: 15073

Ion Ratio Lower Upper

244 100

212 10.9 25.4 38.0#

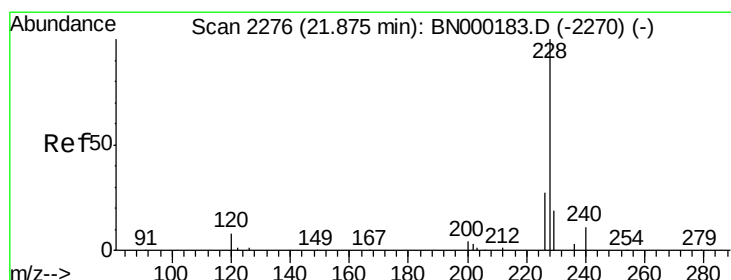
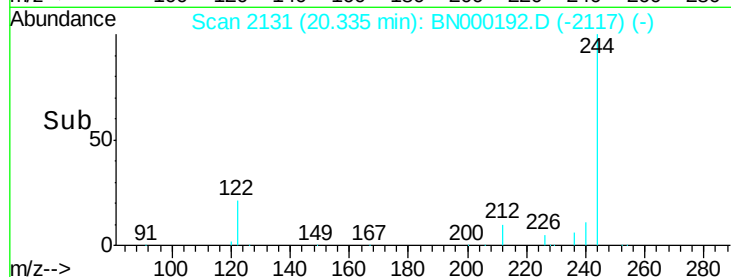
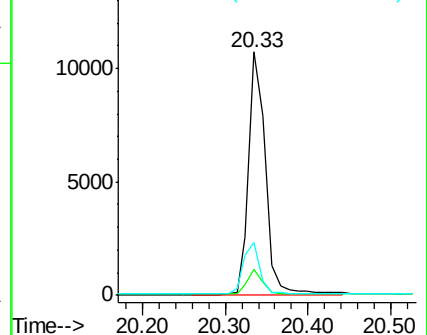
122 21.9 8.1 12.1#



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: 0.052 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

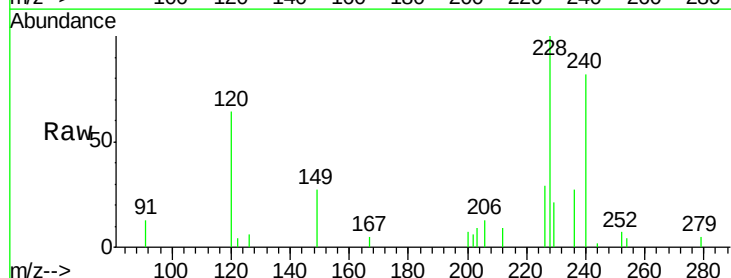
Tgt Ion:228 Resp: 3293

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

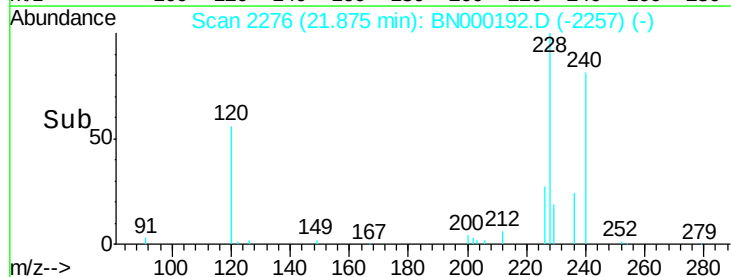
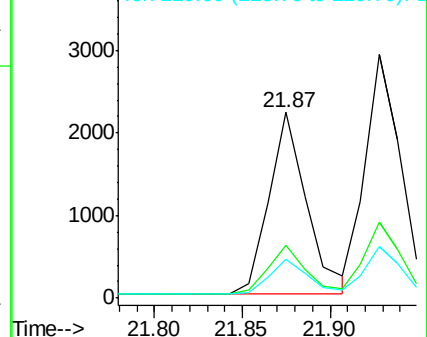
229 21.1 16.0 24.0

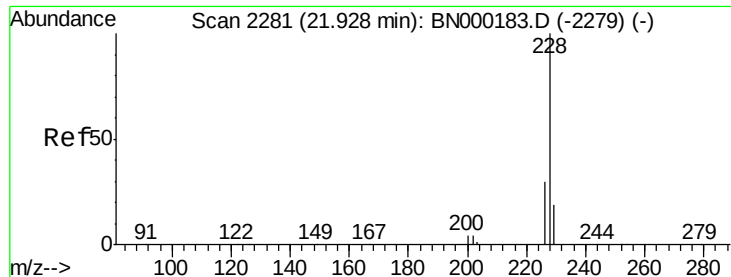


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.055 ng

RT: 21.93 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

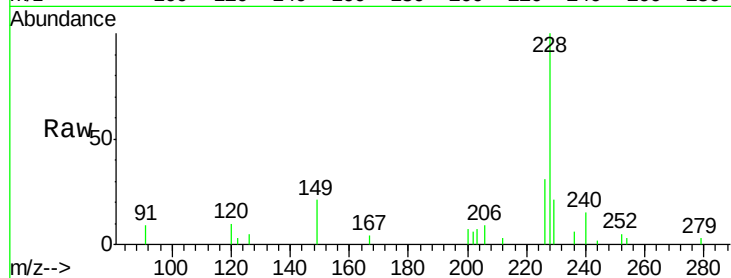
Tgt Ion:228 Resp: 4129

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

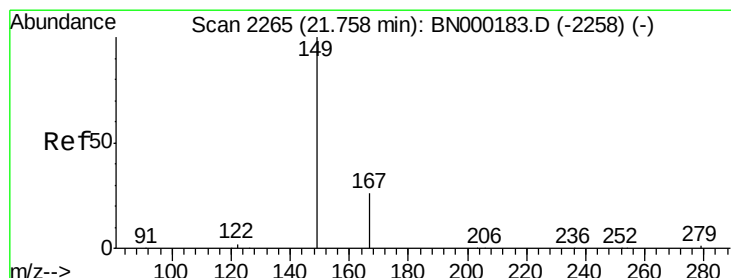
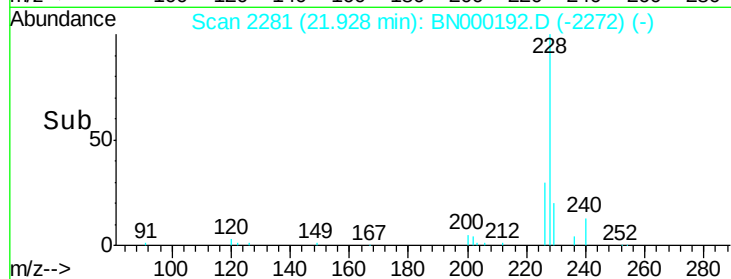
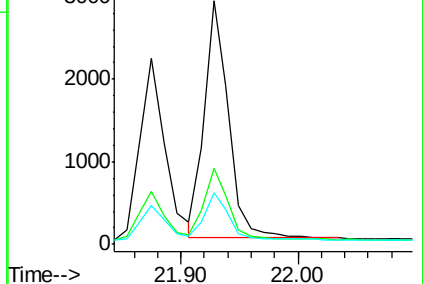
229 21.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.072 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

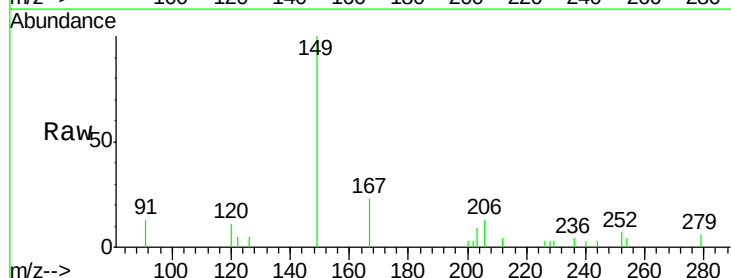
Tgt Ion:149 Resp: 1712

Ion Ratio Lower Upper

149 100

167 25.4 20.0 30.0

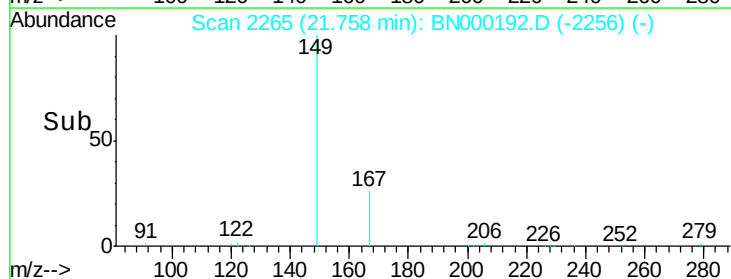
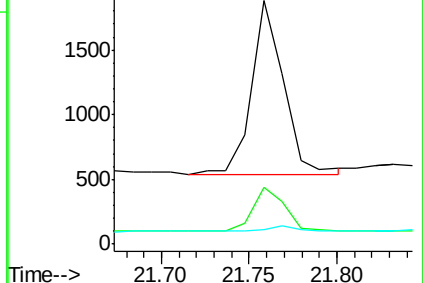
279 3.1 1.6 2.4#

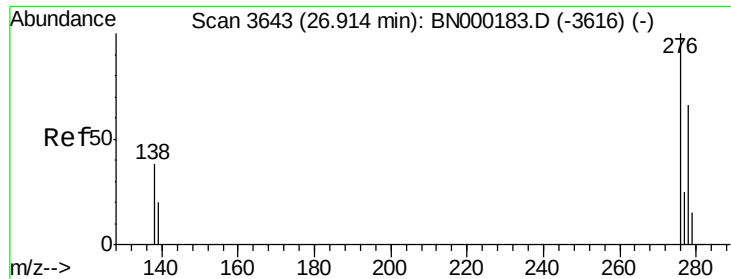


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.043 ng

RT: 26.92 min Scan# 3644

Delta R.T. 0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

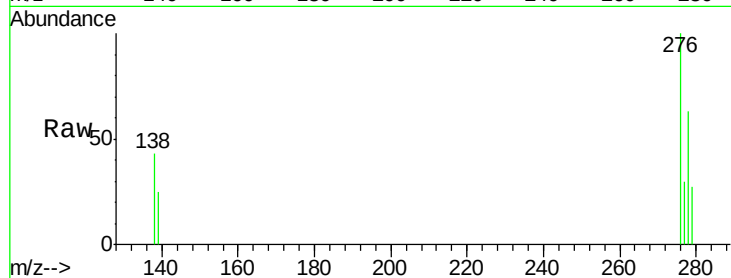
Tgt Ion:276 Resp: 3017

Ion Ratio Lower Upper

276 100

138 38.8 22.5 33.7#

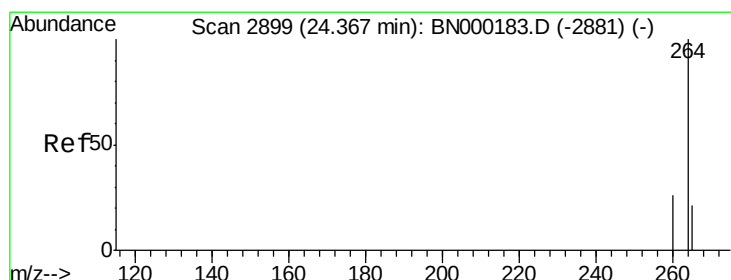
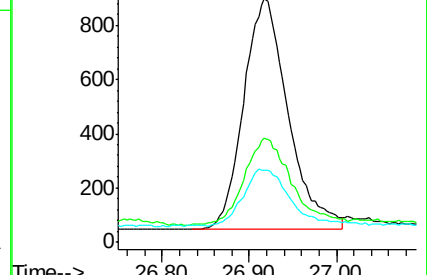
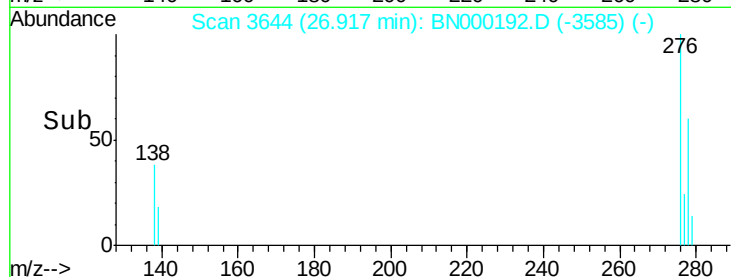
277 26.2 19.9 29.9



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: BN000192.D

Acq: 27 Feb 2018 15:55

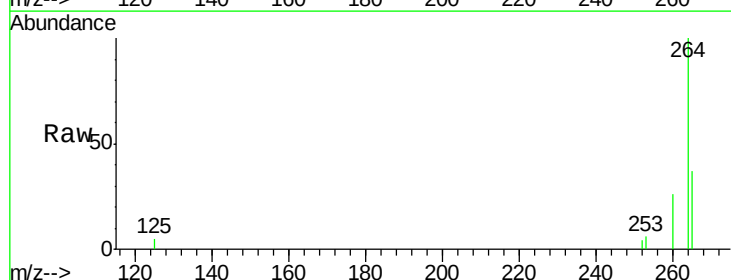
Tgt Ion:264 Resp: 15372

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

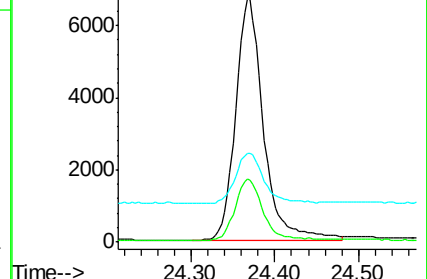
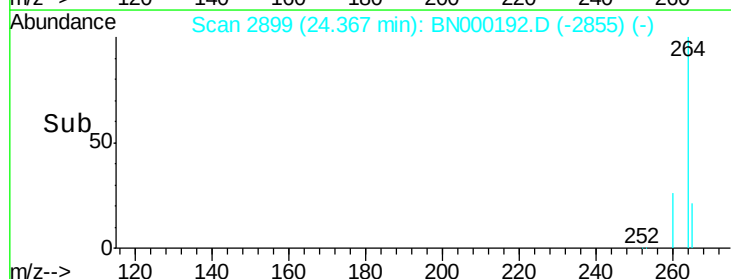
265 36.5 22.8 34.2#

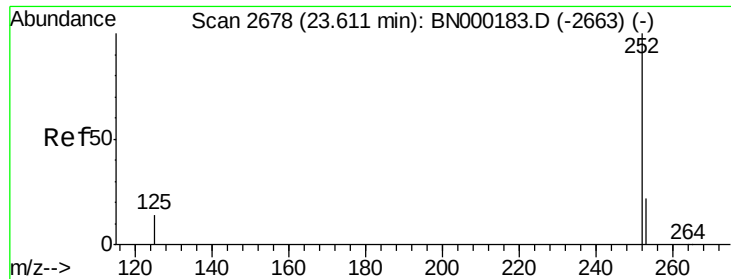


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

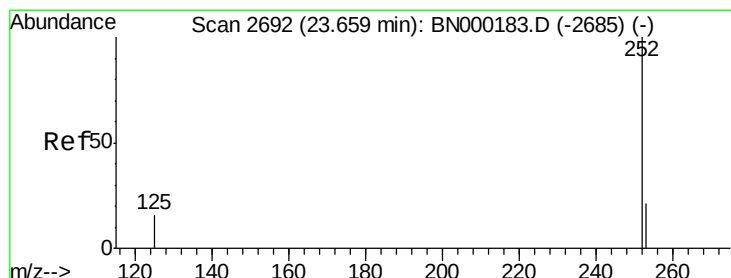
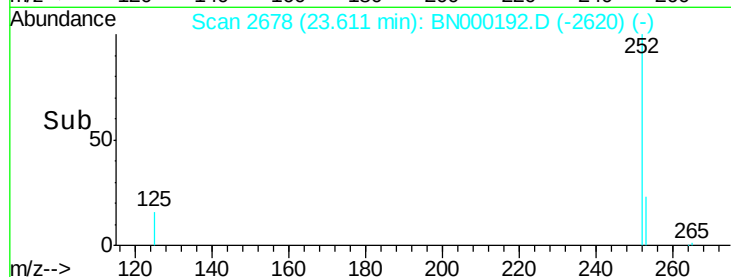
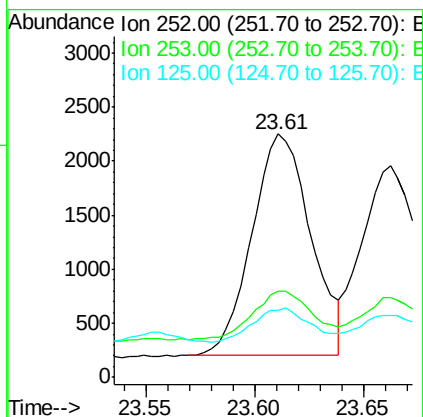
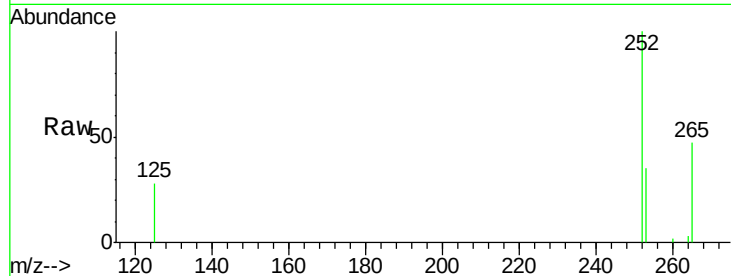




#35
Benzo(b)fluoranthene
Concen: 0.055 ng
RT: 23.61 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN000192.D
Acq: 27 Feb 2018 15:55

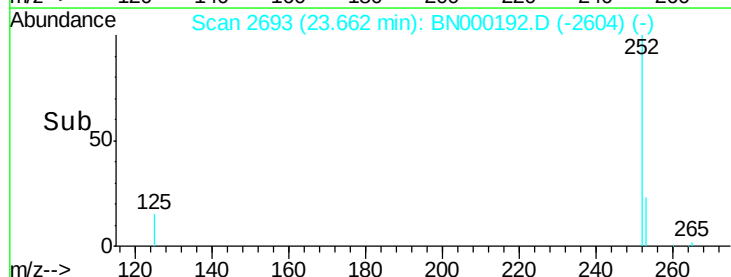
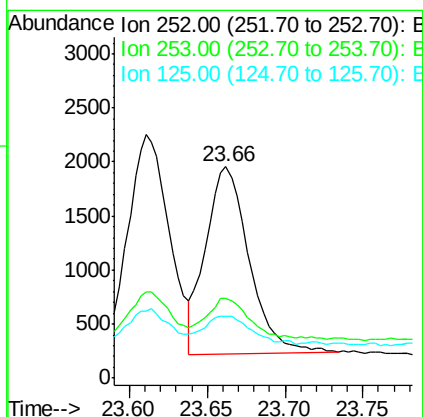
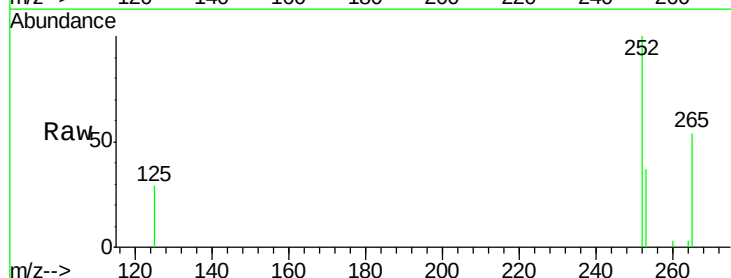
Instrument :
BNA_N
ClientSampleId :
MDL-W-03

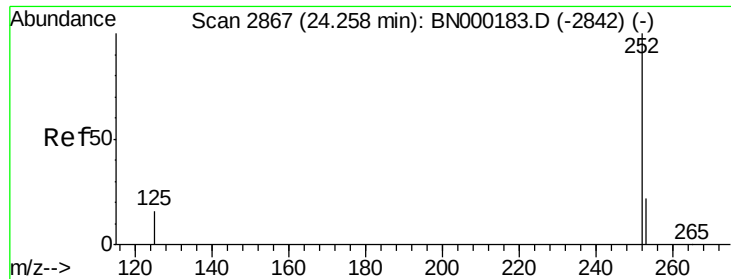
Tgt Ion: 252 Resp: 3874
Ion Ratio Lower Upper
252 100
253 35.3 20.0 30.0#
125 27.6 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.049 ng
RT: 23.66 min Scan# 2693
Delta R.T. 0.00 min
Lab File: BN000192.D
Acq: 27 Feb 2018 15:55

Tgt Ion: 252 Resp: 3379
Ion Ratio Lower Upper
252 100
253 37.4 16.0 24.0#
125 29.4 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.047 ng

RT: 24.25 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03

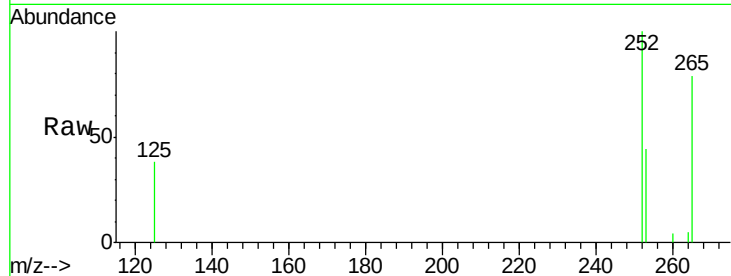
Tgt Ion:252 Resp: 2662

Ion Ratio Lower Upper

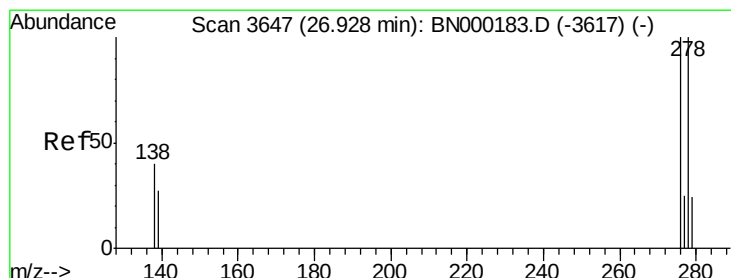
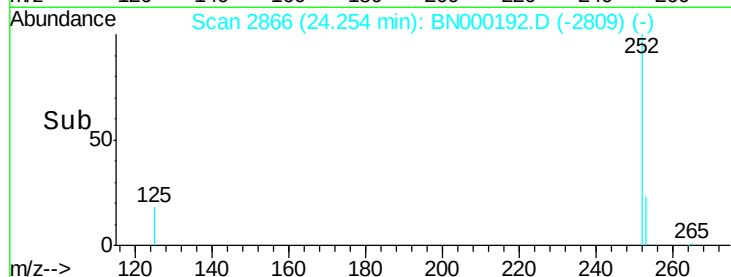
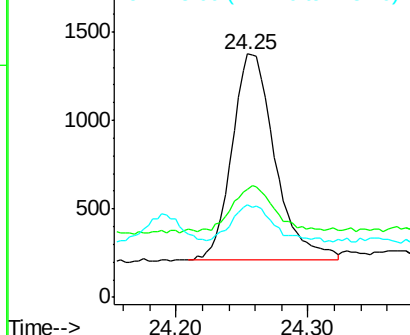
252 100

253 44.4 16.0 24.0#

125 38.2 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: 0.047 ng

RT: 26.93 min Scan# 3648

Delta R.T. 0.00 min

Lab File: BN000192.D

Acq: 27 Feb 2018 15:55

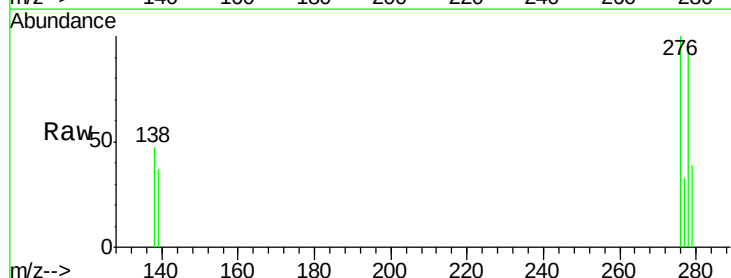
Tgt Ion:278 Resp: 2370

Ion Ratio Lower Upper

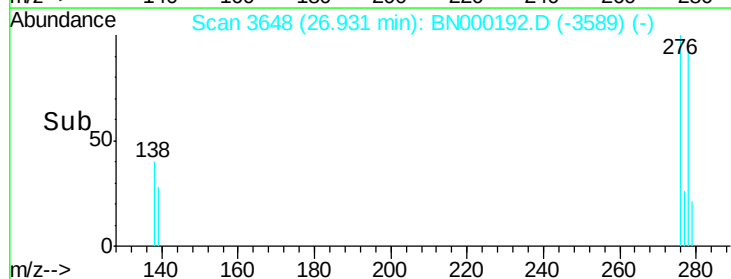
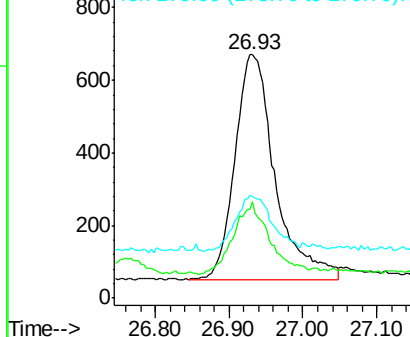
278 100

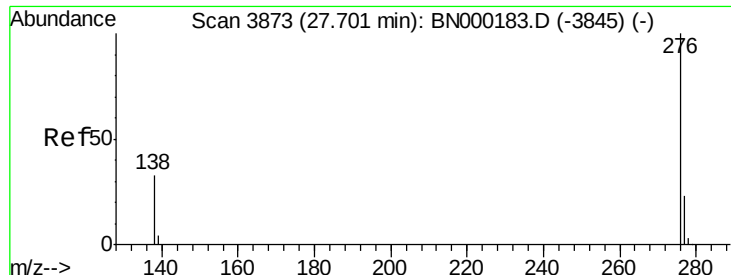
139 39.3 16.0 24.0#

279 41.6 20.0 30.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.052 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

Lab File: BN000192.D

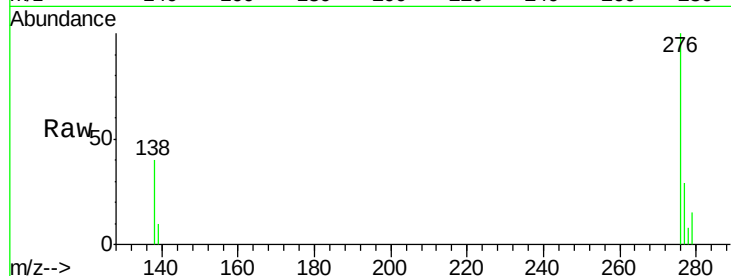
Acq: 27 Feb 2018 15:55

Instrument :

BNA_N

ClientSampleId :

MDL-W-03



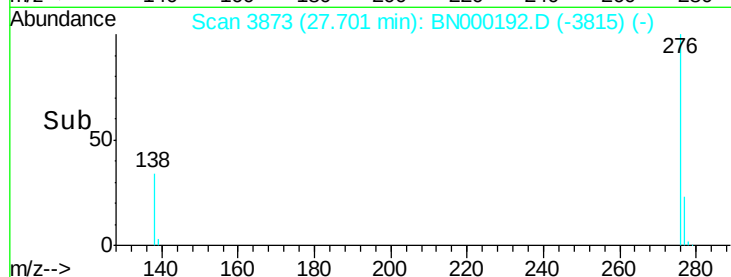
Tgt Ion: 276 Resp: 3129

Ion Ratio Lower Upper

276 100

277 28.9 16.0 24.0#

138 39.6 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

