

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000195.D
 Acq On : 27 Feb 2018 17:39
 Operator : JU/SJ
 Sample : MDL-S-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-03

Quant Time: Feb 27 18:22:03 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	4593	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	16920	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	8485	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	21473	0.40	ng	0.00
27) Chrysene-d12	21.90	240	17141	0.40	ng	0.00
34) Perylene-d12	24.37	264	13798	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.94	112	3212	0.33	ng	0.00
5) Phenol-d6	7.58	99	4003	0.32	ng	0.00
8) Nitrobenzene-d5	9.63	82	3298	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	9296	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	861	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	14483	0.36	ng	0.00
25) Fluoranthene-d10	19.77	212	19480	0.34	ng	0.00
29) Terphenyl-d14	20.33	244	11653	0.39	ng	0.00

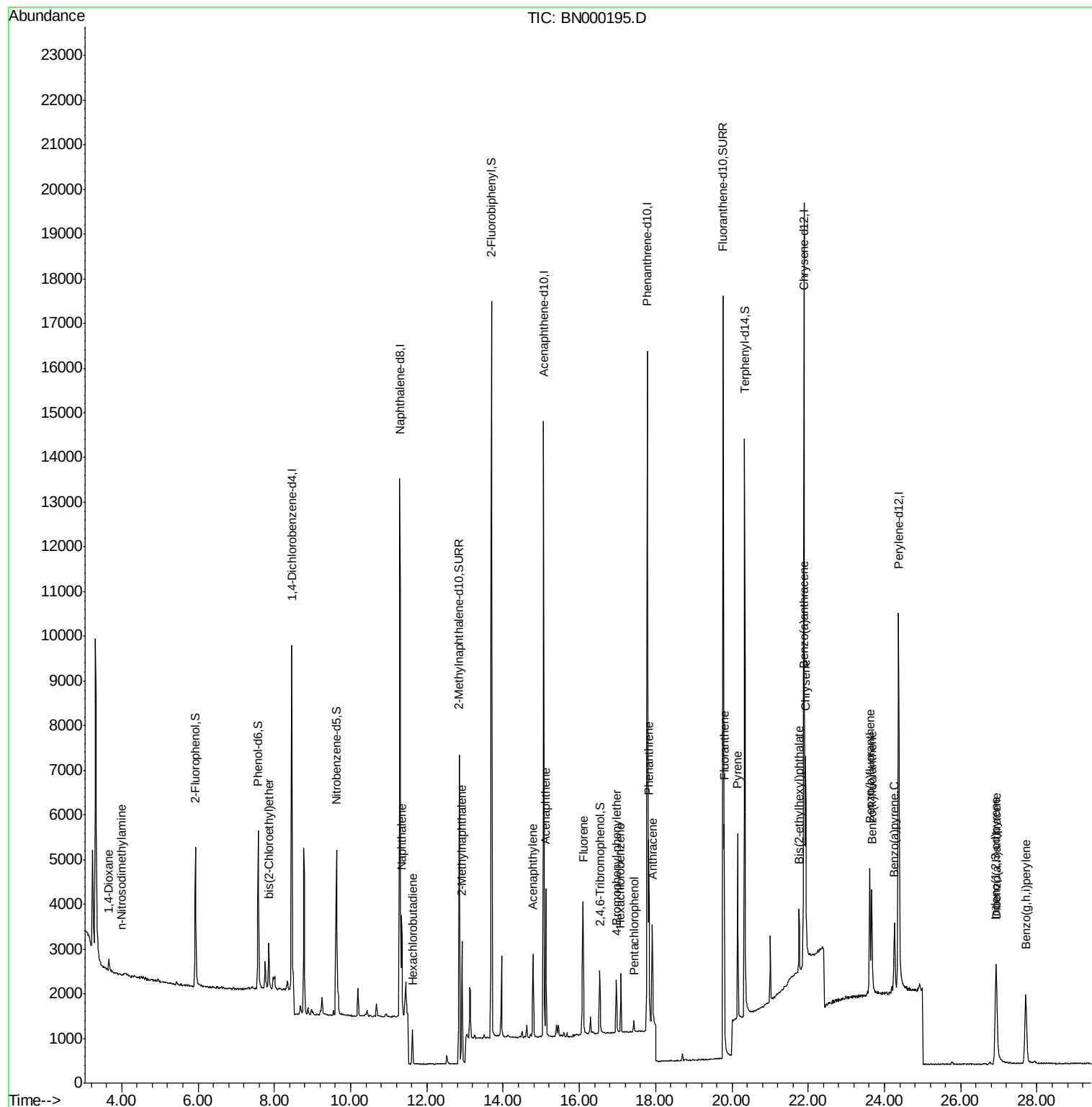
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	287	0.060	ng	# 86
3) n-Nitrosodimethylamine	4.00	42	10	0.103	ng	# 1
6) bis(2-Chloroethyl)ether	7.85	93	903	0.058	ng	95
9) Naphthalene	11.34	128	3083	0.062	ng	# 91
10) Hexachlorobutadiene	11.62	225	498	0.059	ng	98
12) 2-Methylnaphthalene	12.92	142	1914	0.059	ng	98
16) Acenaphthylene	14.78	152	2031	0.051	ng	99
17) Acenaphthene	15.13	154	1794	0.057	ng	94
18) Fluorene	16.10	166	2293	0.058	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	614	0.050	ng	# 78
21) Hexachlorobenzene	17.09	284	917	0.055	ng	95
22) Pentachlorophenol	17.43	266	161	0.126	ng	# 79
23) Phenanthrene	17.82	178	4289	0.057	ng	97
24) Anthracene	17.91	178	2781	0.049	ng	# 95
26) Fluoranthene	19.80	202	4296	0.055	ng	# 94
28) Pyrene	20.15	202	4259	0.063	ng	99
30) Benzo(a)anthracene	21.87	228	3099	0.057	ng	97
31) Chrysene	21.93	228	3912	0.062	ng	98
32) Bis(2-ethylhexyl)phthalate	21.76	149	1497	0.074	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.92	276	3203	0.054	ng	# 89
35) Benzo(b)fluoranthene	23.61	252	3772	0.060	ng	# 81
36) Benzo(k)fluoranthene	23.66	252	3472	0.056	ng	# 57
37) Benzo(a)pyrene	24.26	252	2720	0.053	ng	# 45
38) Dibenzo(a,h)anthracene	26.93	278	2390	0.052	ng	# 71
39) Benzo(g,h,i)perylene	27.71	276	3307	0.061	ng	# 77

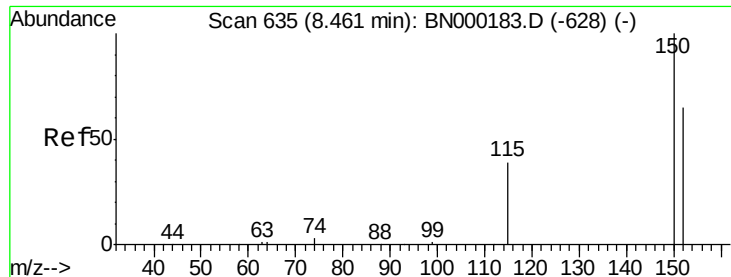
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

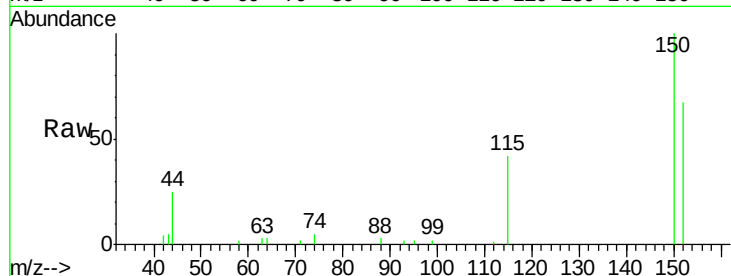
Tgt Ion:152 Resp: 4593

Ion Ratio Lower Upper

152 100

150 149.7 117.2 175.8

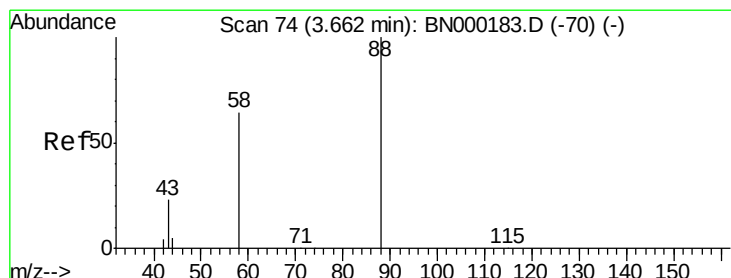
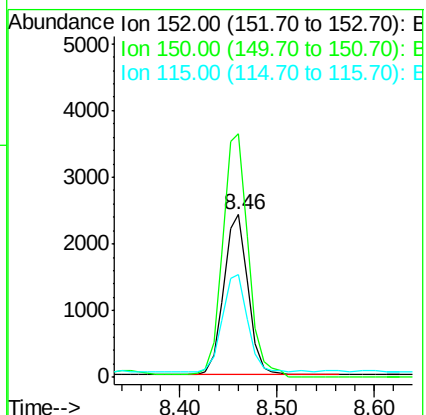
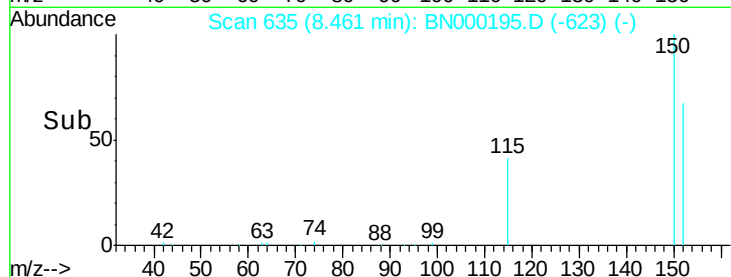
115 63.1 57.0 85.6



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: 0.060 ng

RT: 3.66 min Scan# 74

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

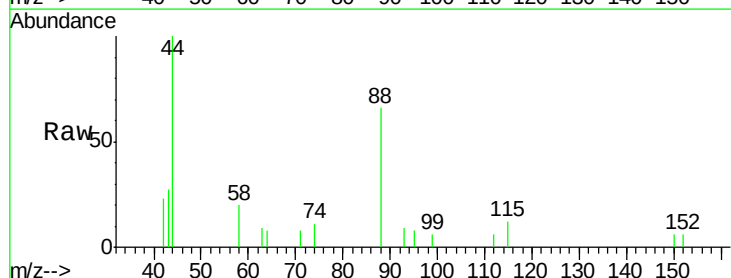
Tgt Ion: 88 Resp: 287

Ion Ratio Lower Upper

88 100

58 72.8 48.0 72.0#

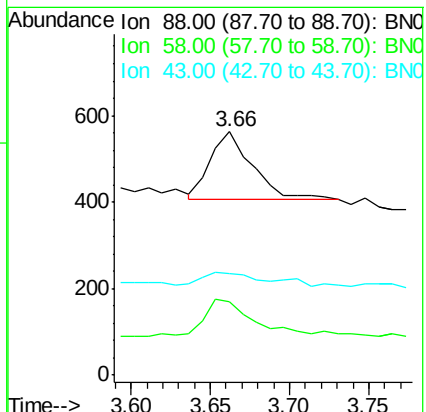
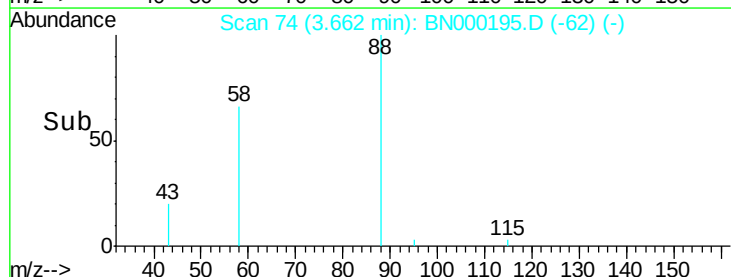
43 28.6 20.0 30.0

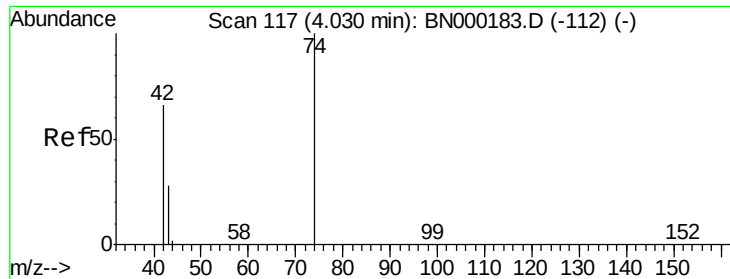


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.103 ng

RT: 4.00 min Scan# 114

Delta R.T. -0.02 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

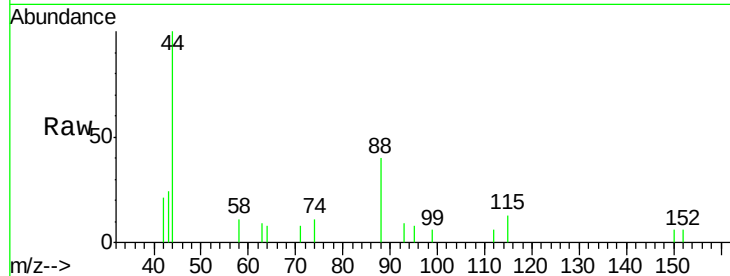
Tgt Ion: 42 Resp: 10

Ion Ratio Lower Upper

42 100

74 40.0 120.0 180.0#

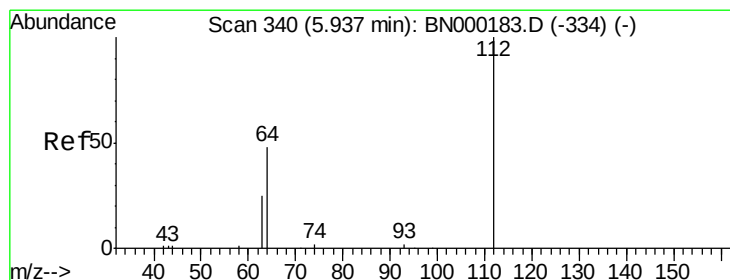
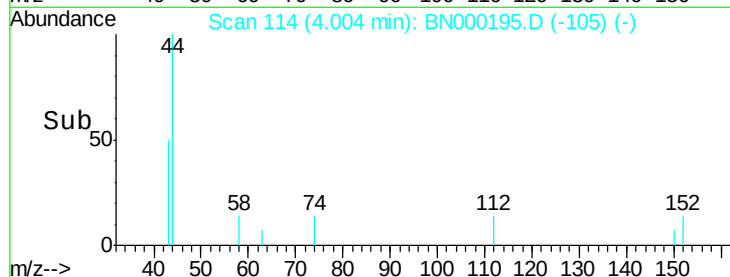
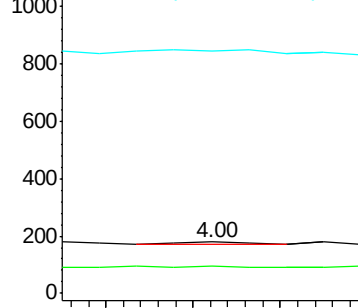
44 410.0 4.0 6.0#



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: 0.331 ng

RT: 5.94 min Scan# 340

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

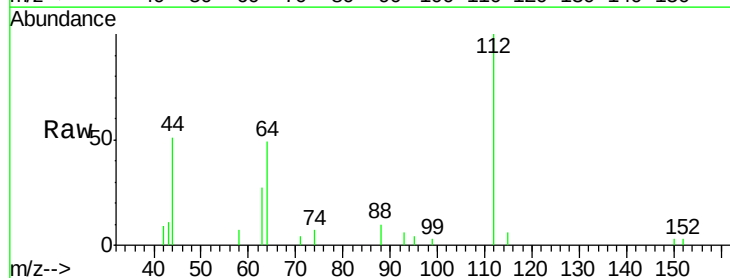
Tgt Ion: 112 Resp: 3212

Ion Ratio Lower Upper

112 100

64 55.7 60.1 90.1#

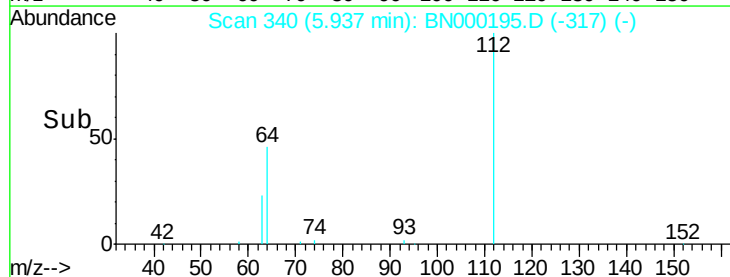
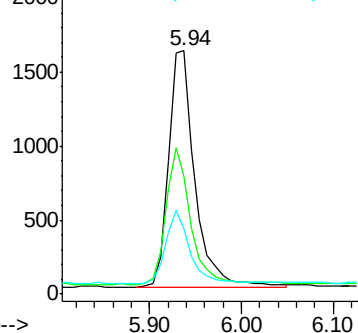
63 28.1 116.8 175.2#

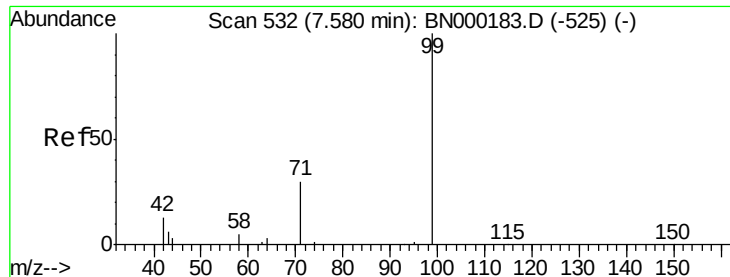


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.325 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

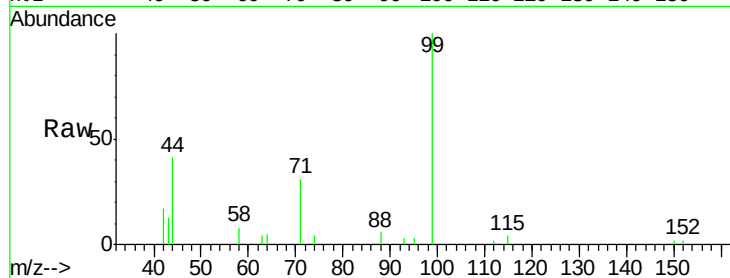
Tgt Ion: 99 Resp: 4003

Ion Ratio Lower Upper

99 100

42 17.0 20.2 30.2#

71 31.3 28.4 42.6

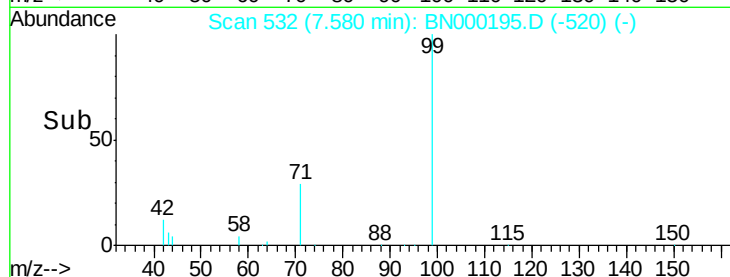


Abundance Ion 99.00 (98.70 to 99.70): BN000195.D (-520) (-)

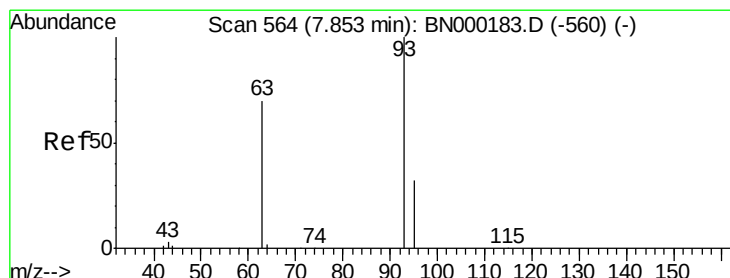
Ion 42.00 (41.70 to 42.70): BN000195.D (-520) (-)

Ion 71.00 (70.70 to 71.70): BN000195.D (-520) (-)

Time-->



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.058 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

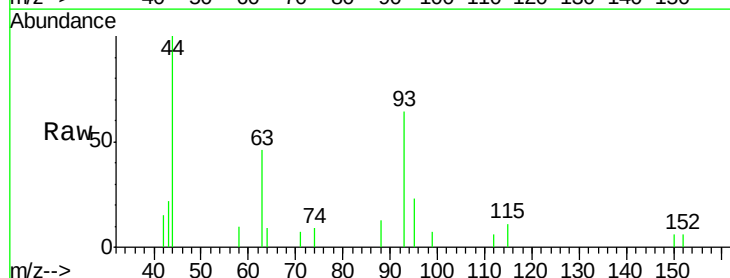
Tgt Ion: 93 Resp: 903

Ion Ratio Lower Upper

93 100

63 65.8 56.0 84.0

95 33.8 25.2 37.8

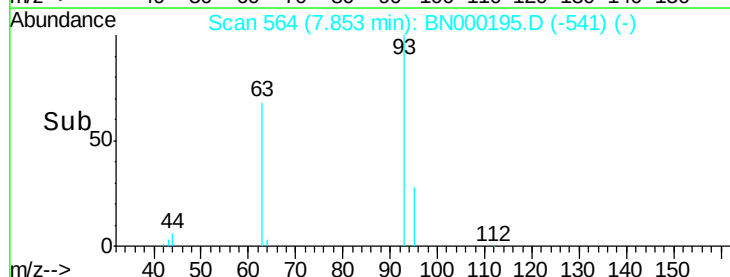


Abundance Ion 93.00 (92.70 to 93.70): BN000195.D (-541) (-)

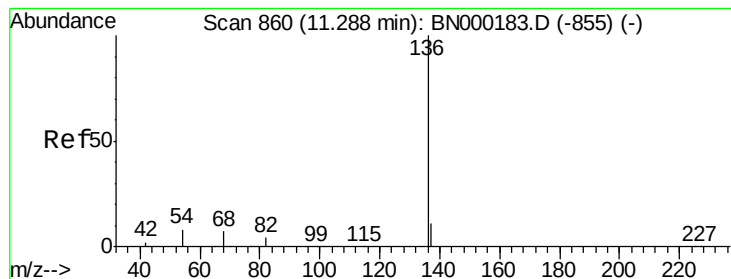
Ion 63.00 (62.70 to 63.70): BN000195.D (-541) (-)

Ion 95.00 (94.70 to 95.70): BN000195.D (-541) (-)

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

Tgt Ion:136 Resp: 16920

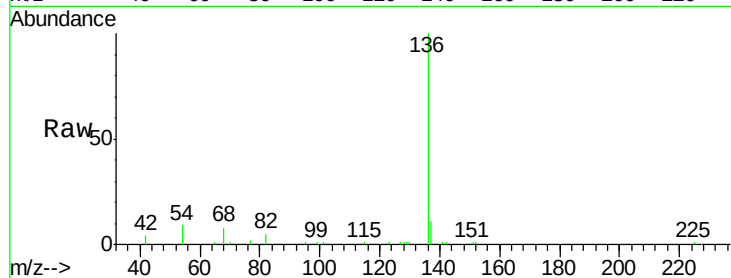
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 9.1 29.1 43.7#

68 8.3 6.2 9.2

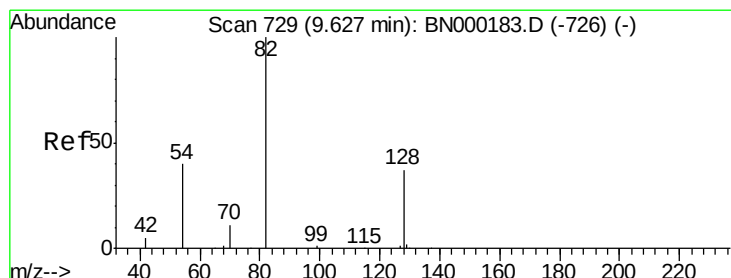
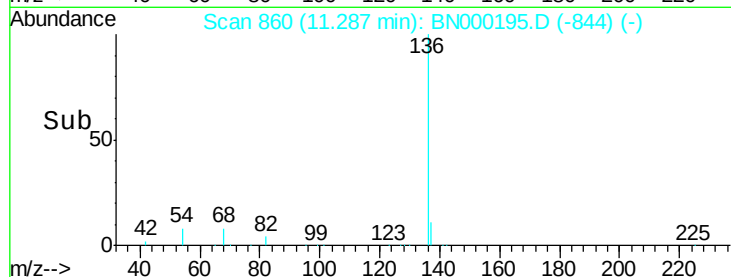
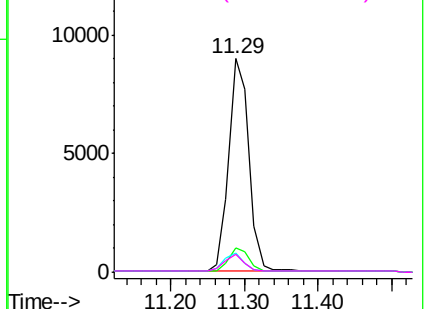


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.329 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

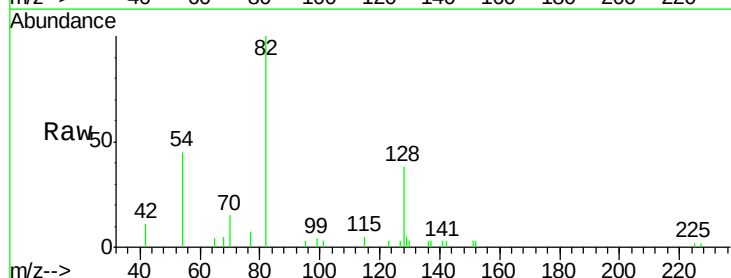
Tgt Ion: 82 Resp: 3298

Ion Ratio Lower Upper

82 100

128 37.6 150.0 225.0#

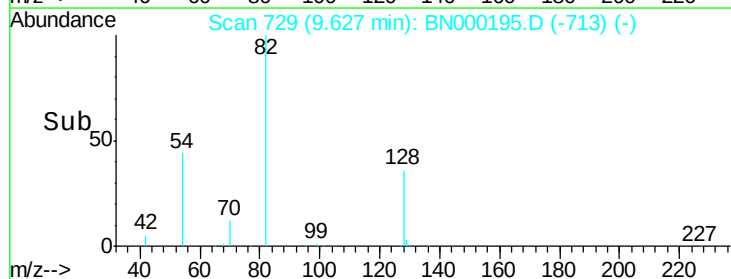
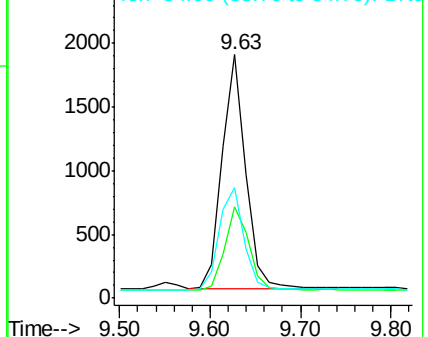
54 45.4 154.2 231.4#

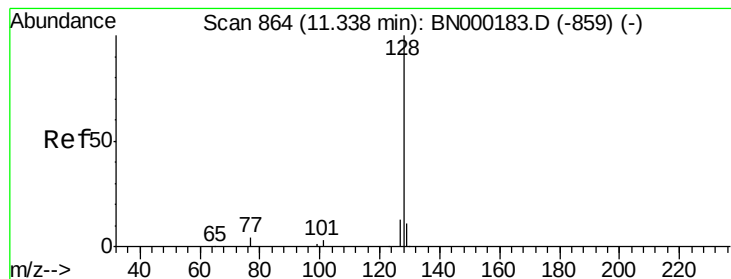


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.062 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

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ClientSampleId :

MDL-S-03

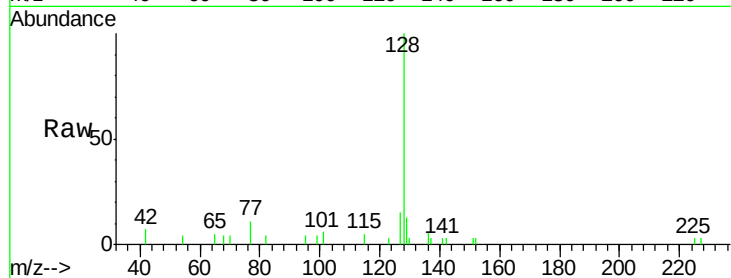
Tgt Ion:128 Resp: 3083

Ion Ratio Lower Upper

128 100

129 13.4 8.0 12.0#

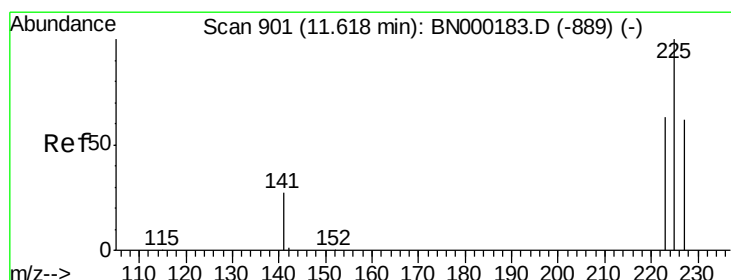
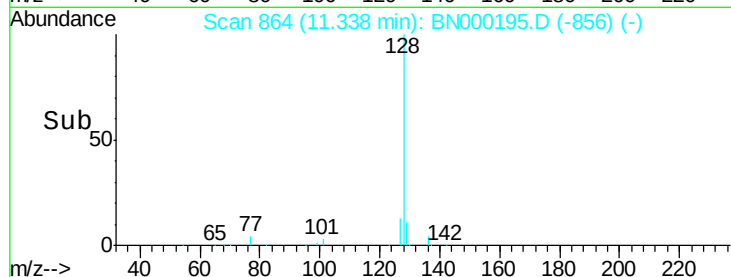
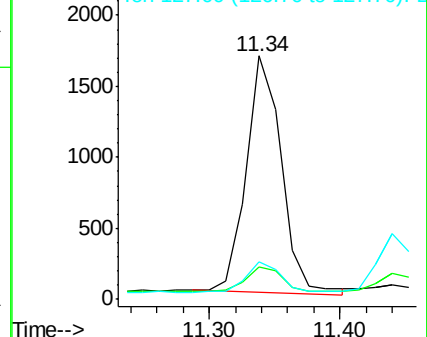
127 15.3 9.6 14.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.059 ng

RT: 11.62 min Scan# 902

Delta R.T. 0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

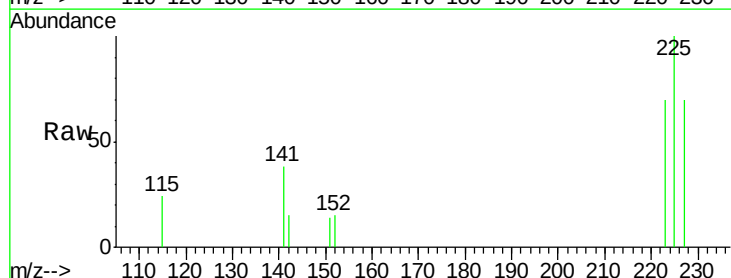
Tgt Ion:225 Resp: 498

Ion Ratio Lower Upper

225 100

223 64.7 53.0 79.6

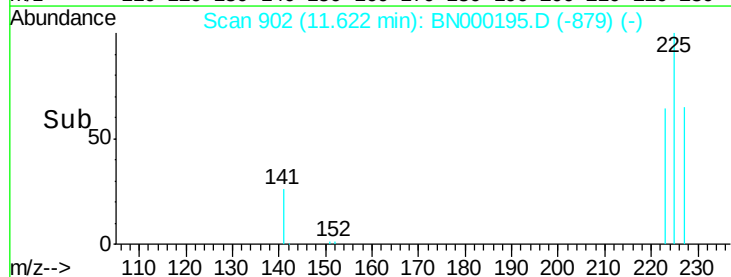
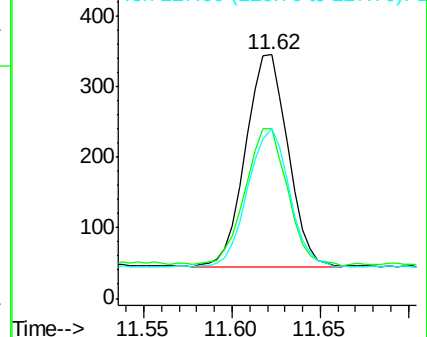
227 63.5 51.4 77.2

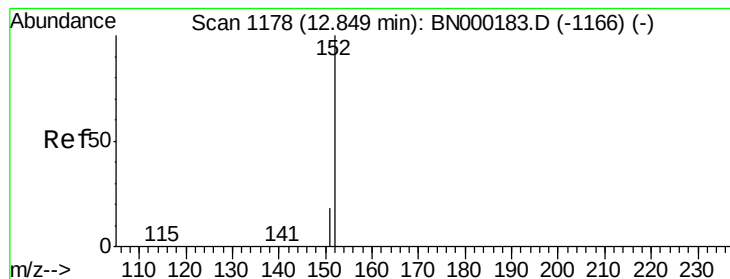


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

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ClientSampleId :

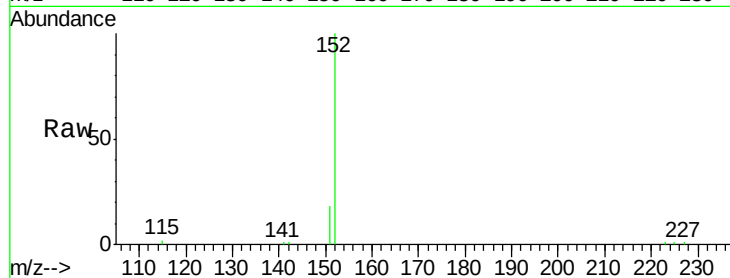
MDL-S-03

Tgt Ion:152 Resp: 9296

Ion Ratio Lower Upper

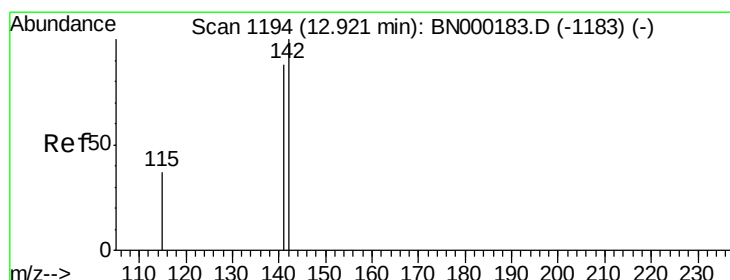
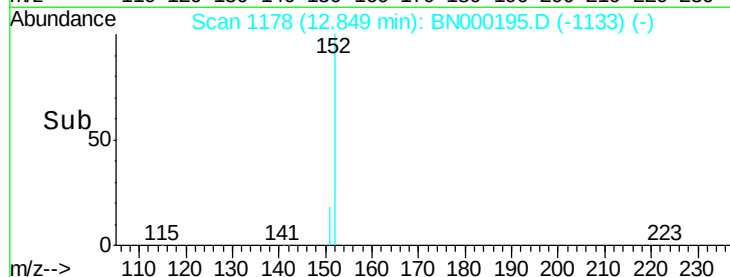
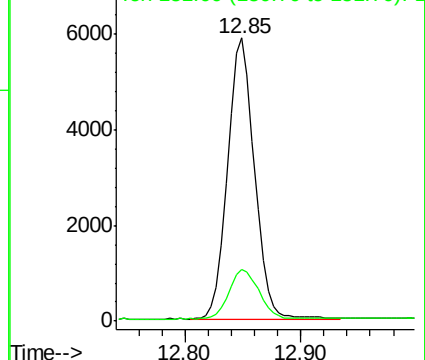
152 100

151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.059 ng

RT: 12.92 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

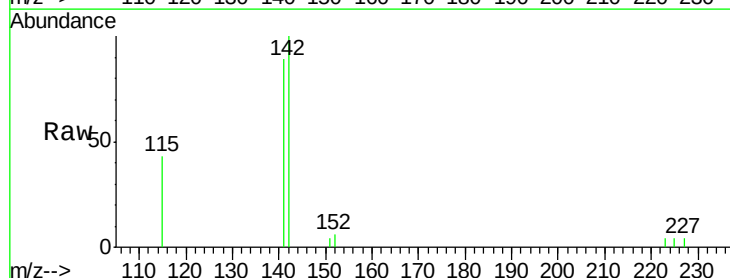
Tgt Ion:142 Resp: 1914

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6

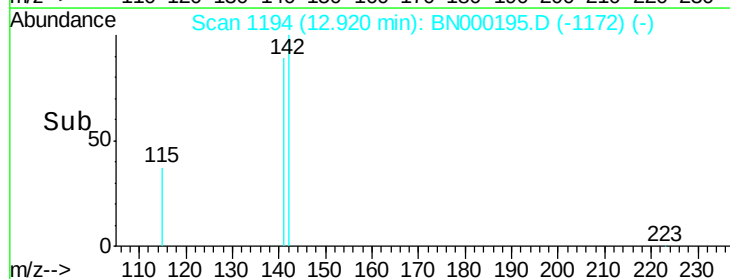
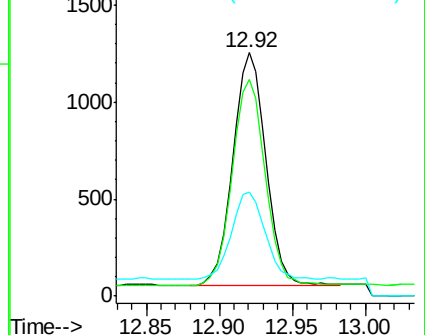
115 42.9 31.7 47.5

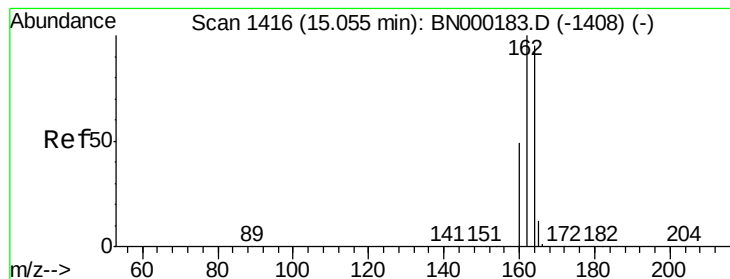


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

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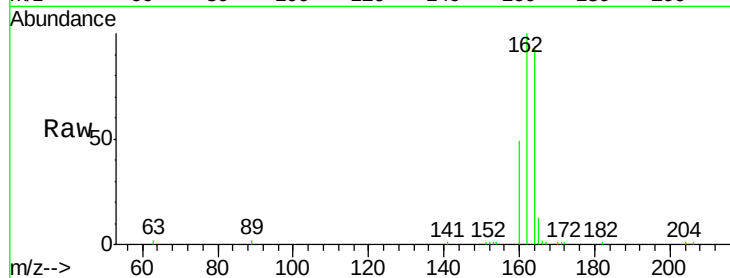
Tgt Ion:164 Resp: 8485

Ion Ratio Lower Upper

164 100

162 105.9 83.1 124.7

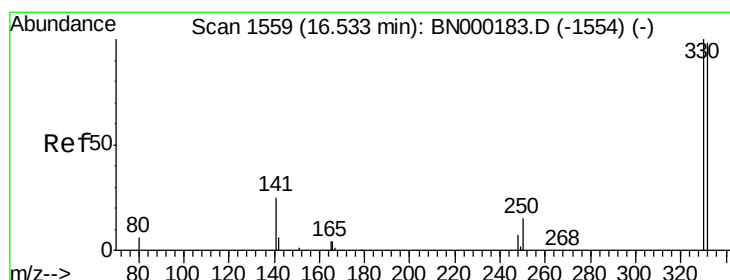
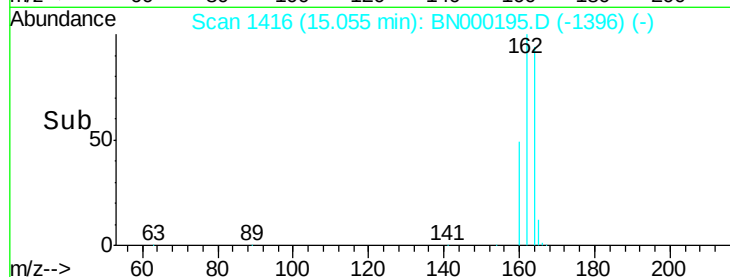
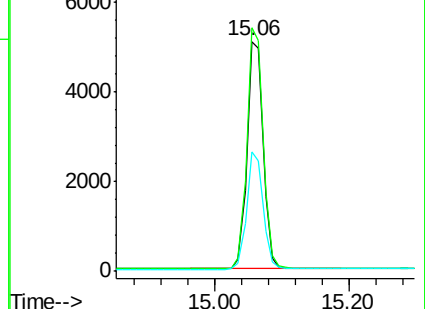
160 51.8 37.1 55.7



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: 0.320 ng

RT: 16.53 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

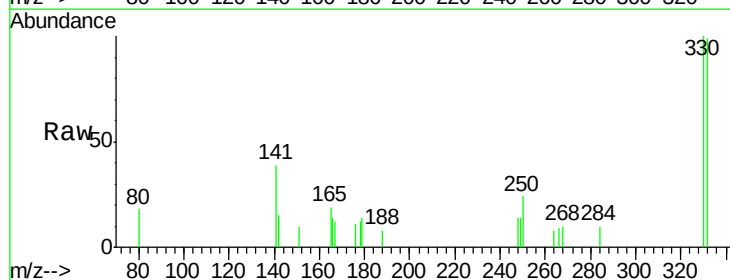
Tgt Ion:330 Resp: 861

Ion Ratio Lower Upper

330 100

332 97.1 152.7 229.1#

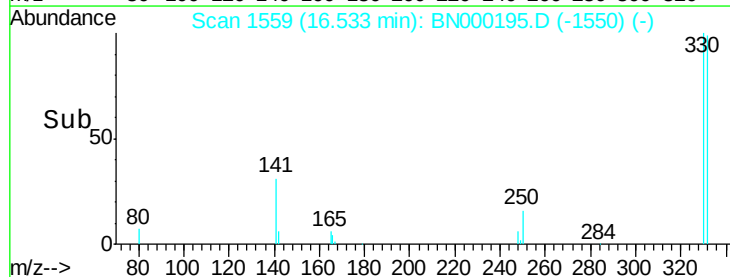
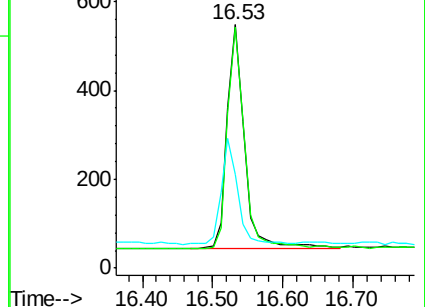
141 45.8 33.7 50.5

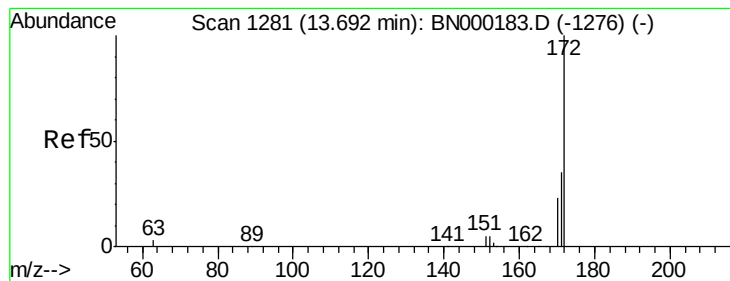


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.360 ng

RT: 13.69 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

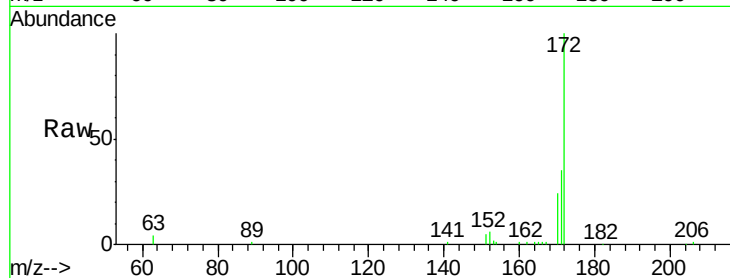
Tgt Ion:172 Resp: 14483

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

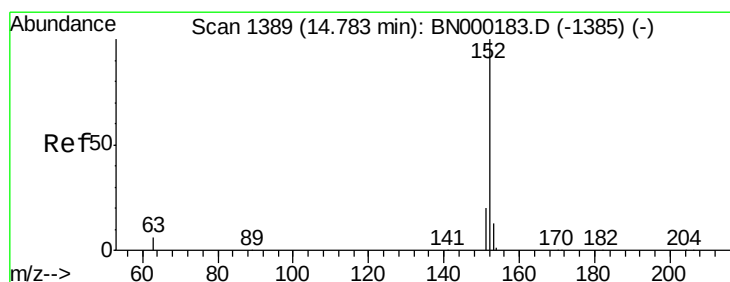
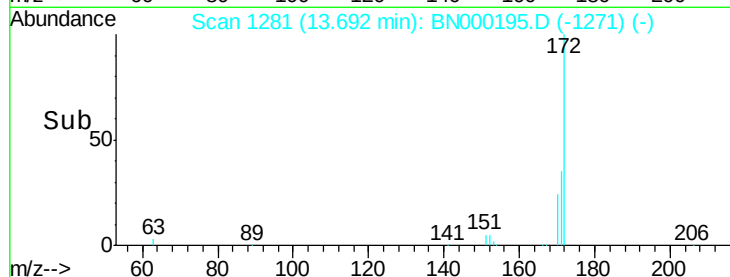
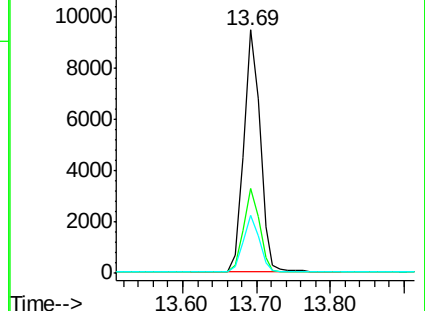
170 24.0 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.051 ng

RT: 14.78 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

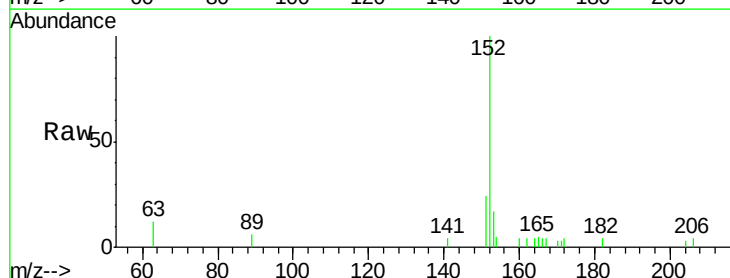
Tgt Ion:152 Resp: 2031

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

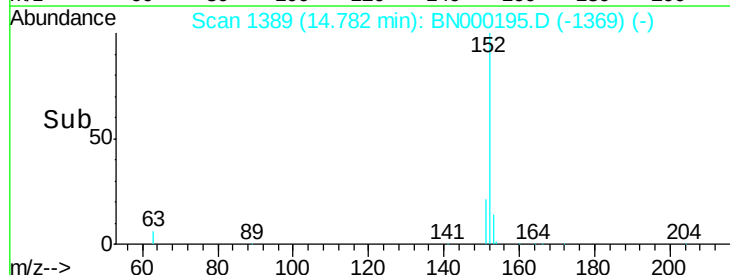
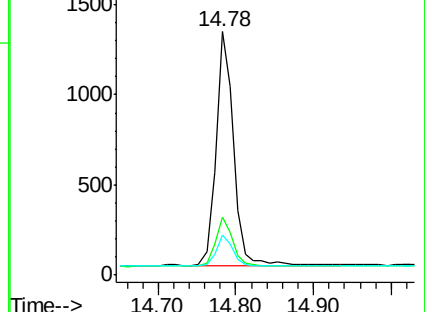
153 13.3 10.5 15.7

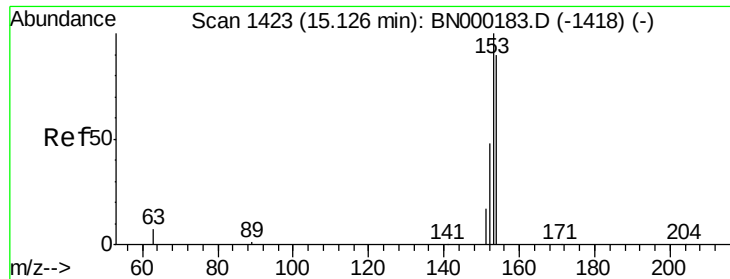


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.057 ng

RT: 15.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

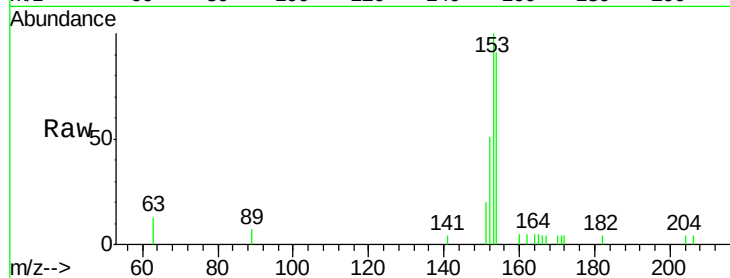
Tgt Ion:154 Resp: 1794

Ion Ratio Lower Upper

154 100

153 115.8 89.2 133.8

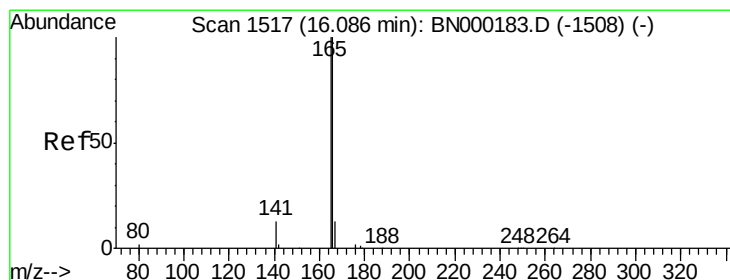
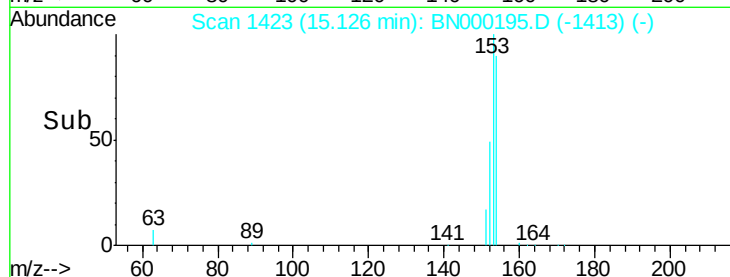
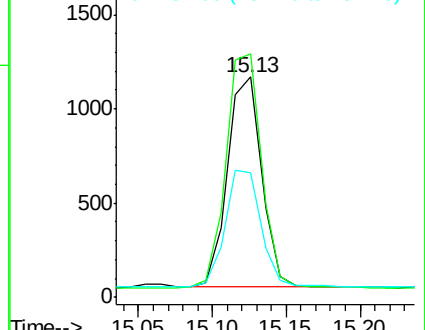
152 58.6 42.0 63.0



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: 0.058 ng

RT: 16.10 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

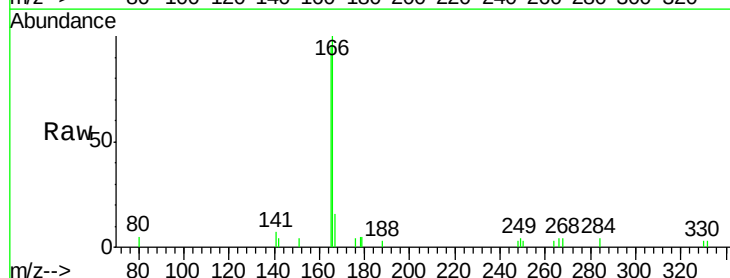
Tgt Ion:166 Resp: 2293

Ion Ratio Lower Upper

166 100

165 96.7 77.8 116.6

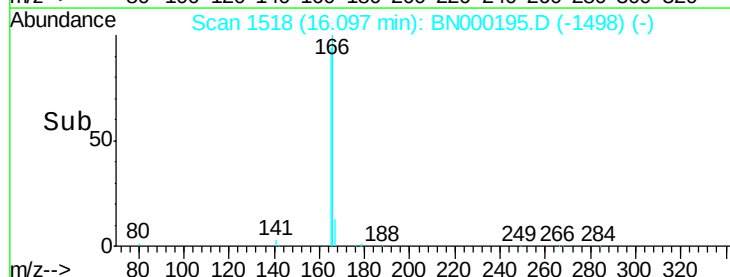
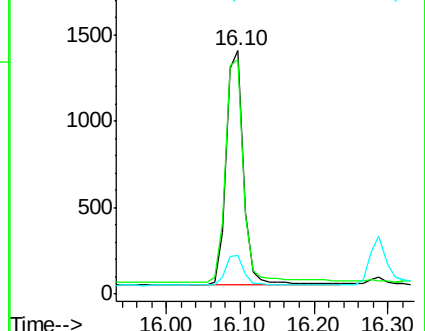
167 13.6 42.4 63.6#

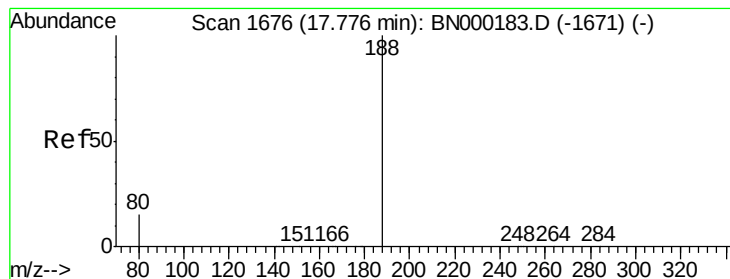


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

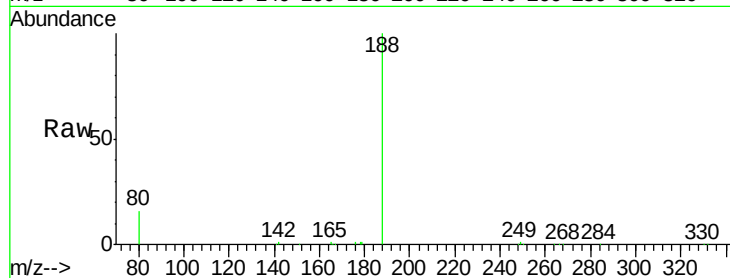
Tgt Ion:188 Resp: 21473

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

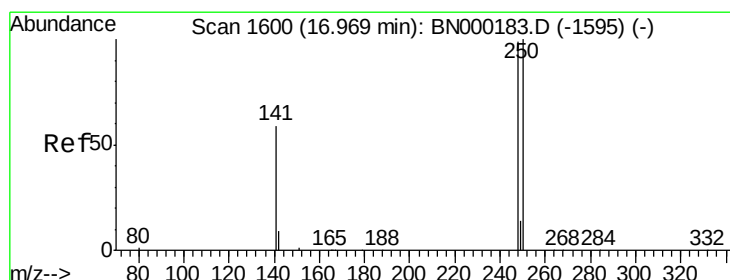
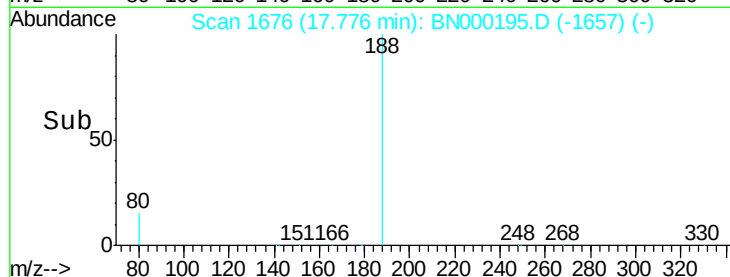
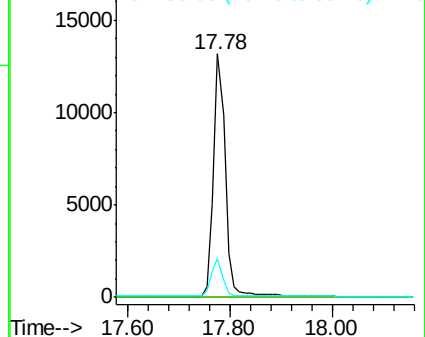
80 15.7 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.050 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

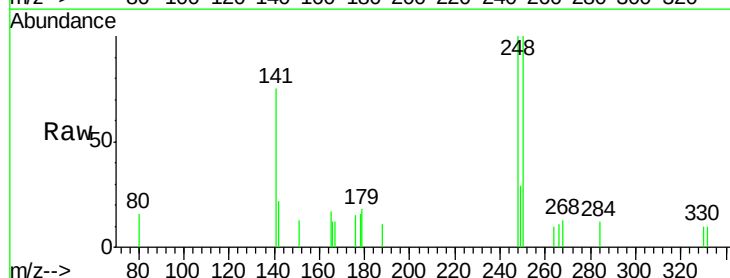
Tgt Ion:248 Resp: 614

Ion Ratio Lower Upper

248 100

250 100.0 62.7 94.1#

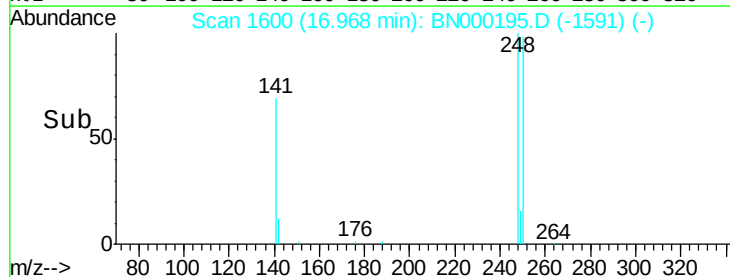
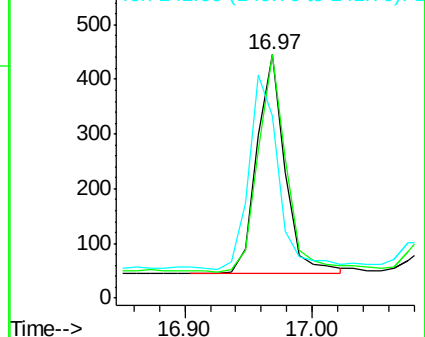
141 74.8 48.2 72.2#

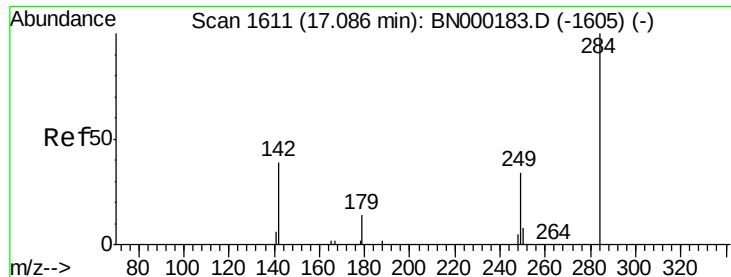


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

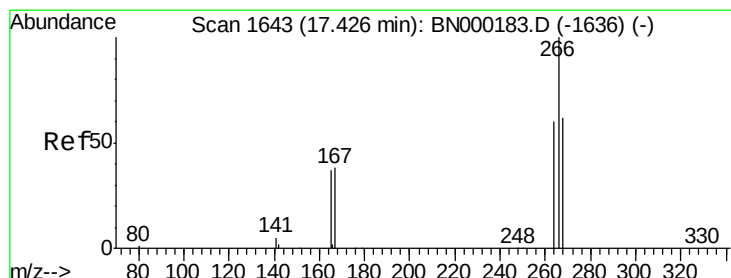
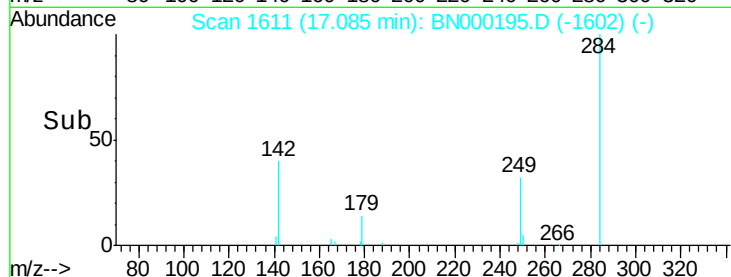
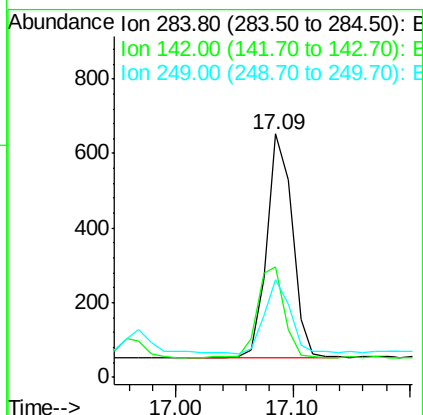
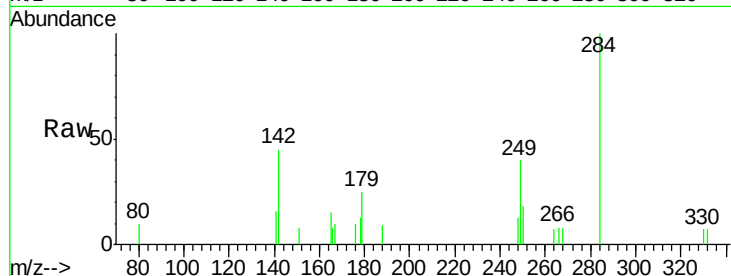




#21
Hexachlorobenzene
Concen: 0.055 ng
RT: 17.09 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BN000195.D
Acq: 27 Feb 2018 17:39

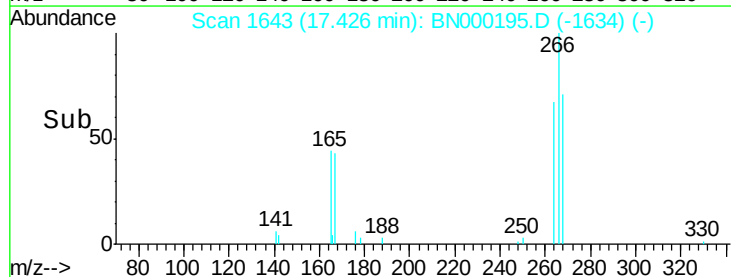
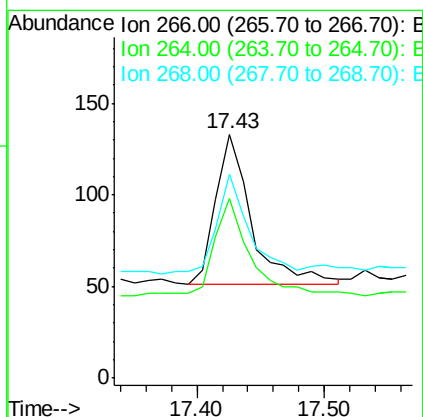
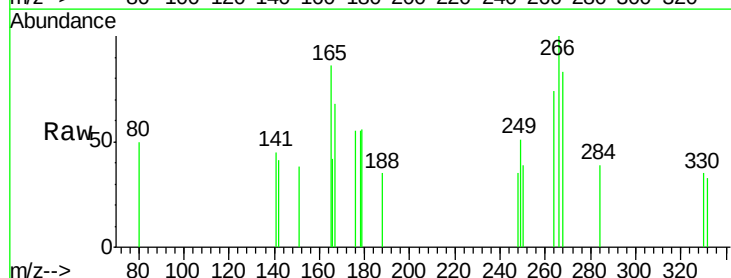
Instrument :
BNA_N
ClientSampleId :
MDL-S-03

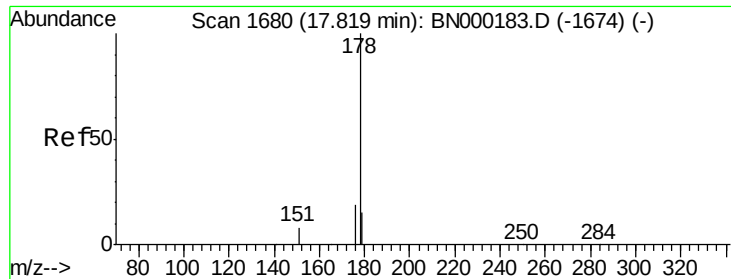
Tgt Ion: 284 Resp: 917
Ion Ratio Lower Upper
284 100
142 43.1 32.0 48.0
249 32.5 24.0 36.0



#22
Pentachlorophenol
Concen: 0.126 ng
RT: 17.43 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BN000195.D
Acq: 27 Feb 2018 17:39

Tgt Ion: 266 Resp: 161
Ion Ratio Lower Upper
266 100
264 73.7 48.0 72.0#
268 83.5 52.0 78.0#





#23

Phenanthrene

Concen: 0.057 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

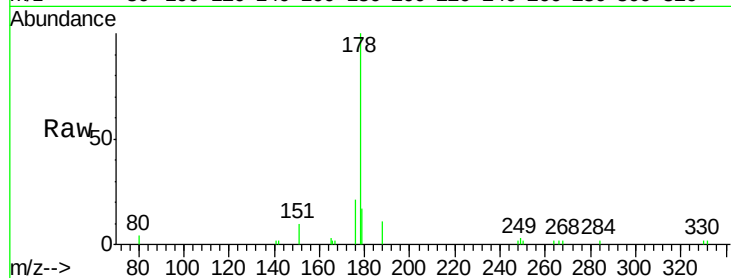
Tgt Ion:178 Resp: 4289

Ion Ratio Lower Upper

178 100

176 20.2 15.1 22.7

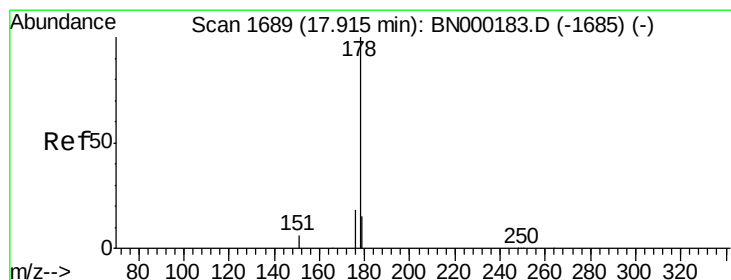
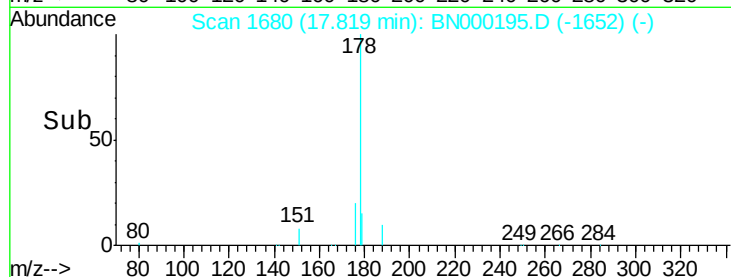
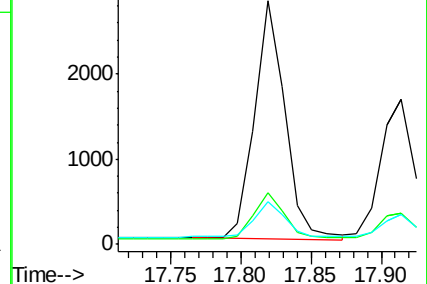
179 15.9 11.8 17.6



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: BN000195.D

Acq: 27 Feb 2018 17:39

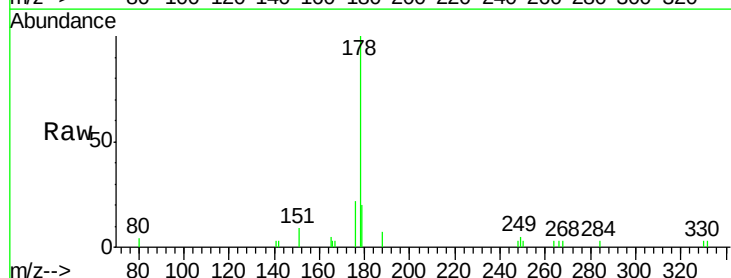
Tgt Ion:178 Resp: 2781

Ion Ratio Lower Upper

178 100

176 19.2 12.8 19.2#

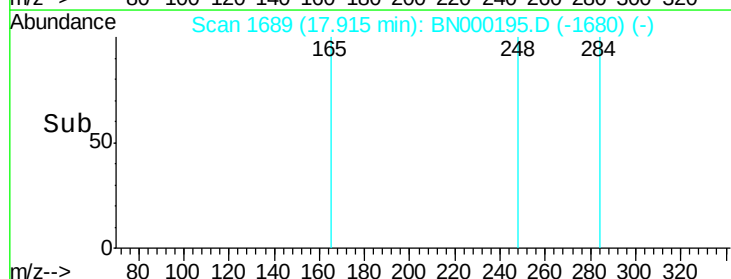
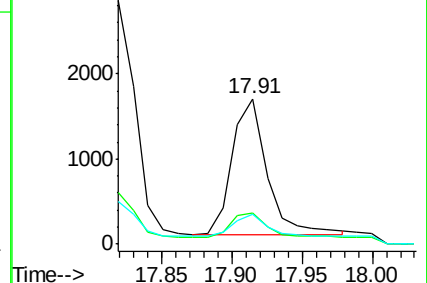
179 15.5 13.0 19.6

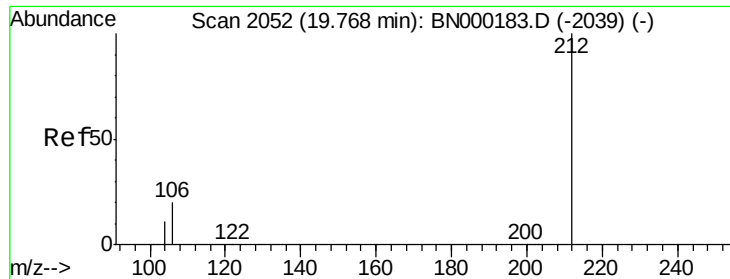


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.339 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

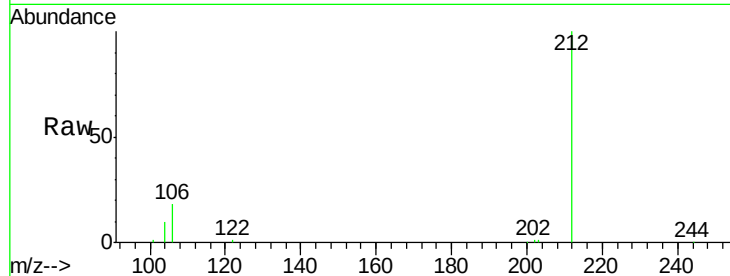
Tgt Ion:212 Resp: 19480

Ion Ratio Lower Upper

212 100

106 19.5 2.8 4.2#

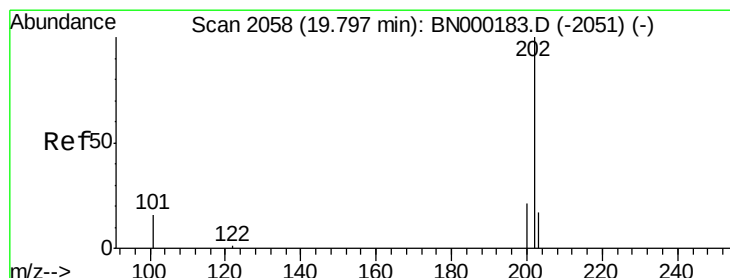
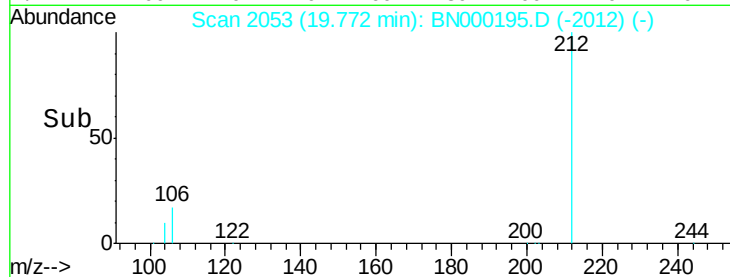
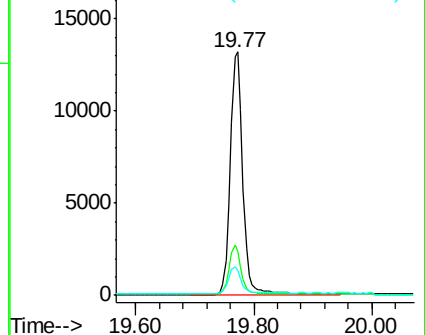
104 10.9 1.6 2.4#



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: 0.055 ng

RT: 19.80 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

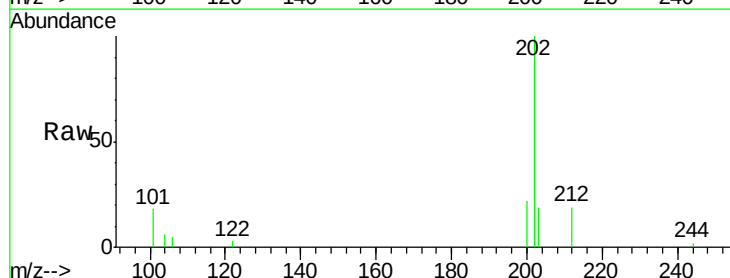
Tgt Ion:202 Resp: 4296

Ion Ratio Lower Upper

202 100

101 17.2 9.8 14.8#

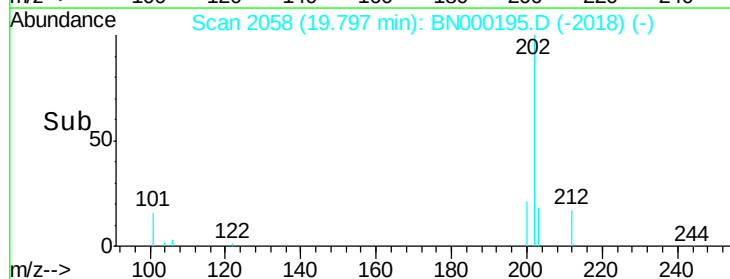
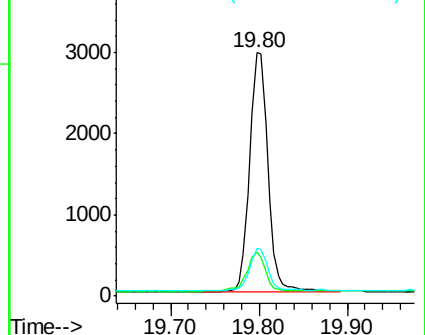
203 17.9 13.7 20.5

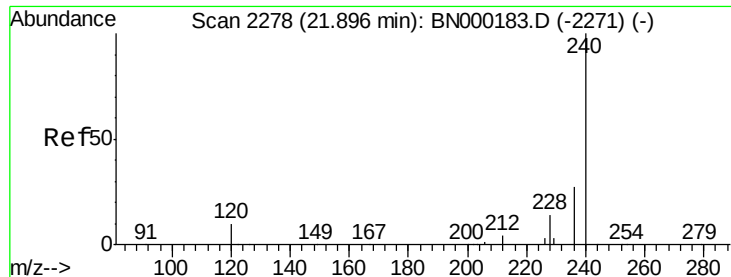


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

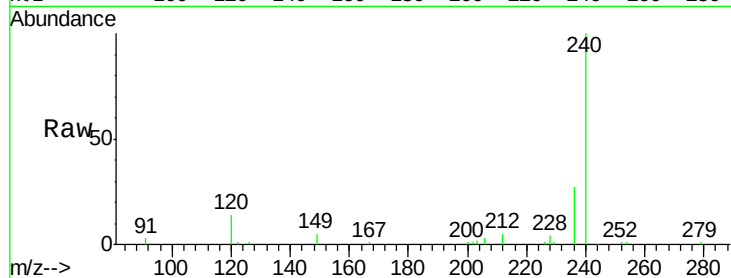
Tgt Ion:240 Resp: 17141

Ion Ratio Lower Upper

240 100

120 13.5 5.5 8.3#

236 27.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

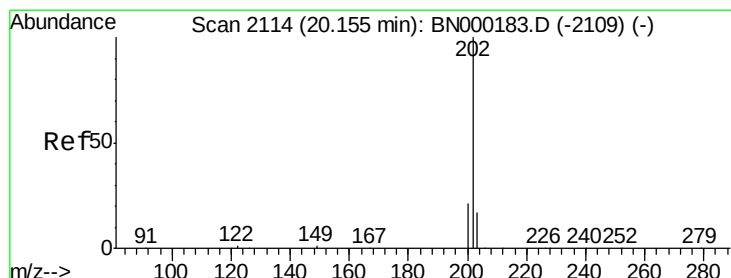
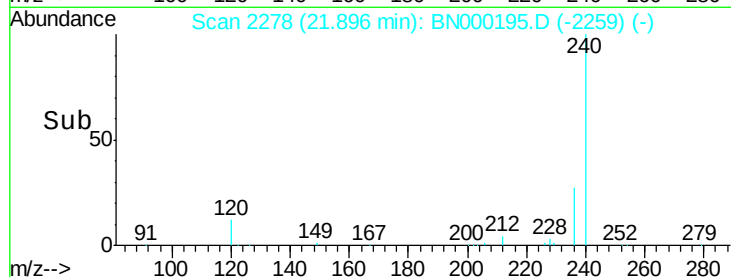
21.90

10000

5000

0

Time-->



#28

Pyrene

Concen: 0.063 ng

RT: 20.15 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

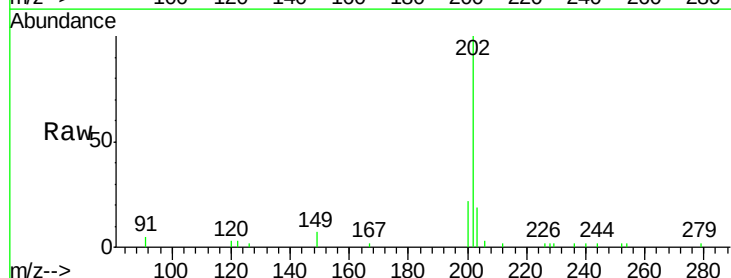
Tgt Ion:202 Resp: 4259

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

203 18.4 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

20.15

4000

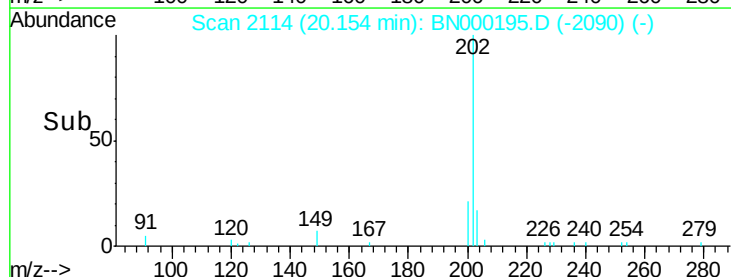
3000

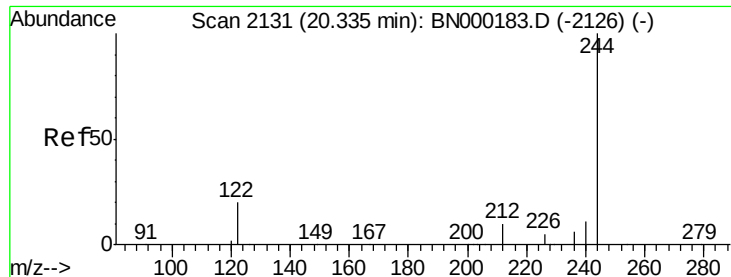
2000

1000

0

Time-->





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

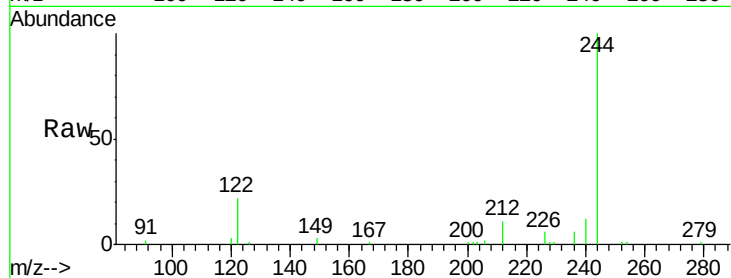
Tgt Ion:244 Resp: 11653

Ion Ratio Lower Upper

244 100

212 11.1 25.4 38.0#

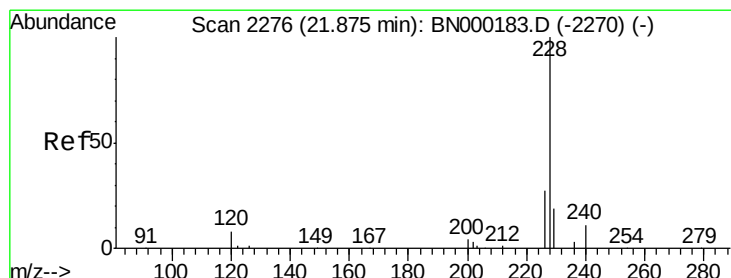
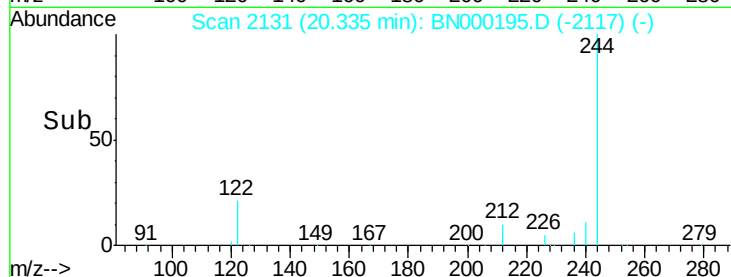
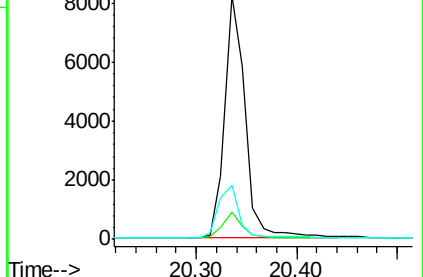
122 22.1 8.1 12.1#



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: 0.057 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

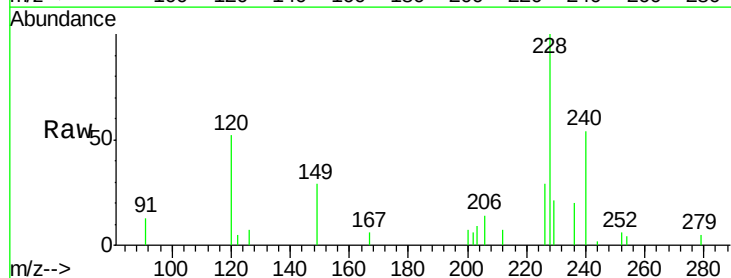
Tgt Ion:228 Resp: 3099

Ion Ratio Lower Upper

228 100

226 28.6 24.0 36.0

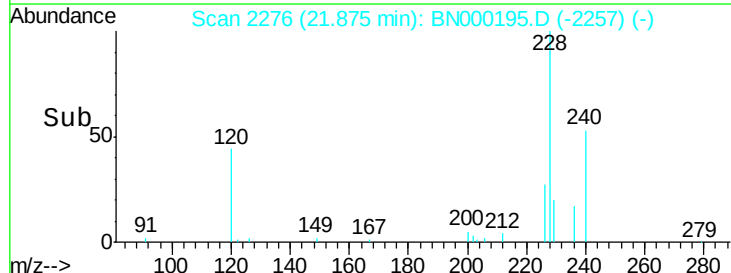
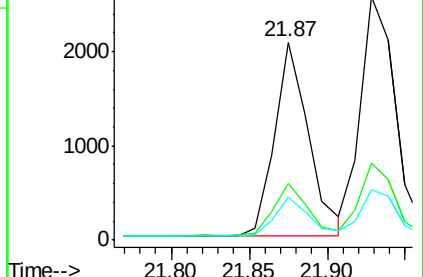
229 21.4 16.0 24.0

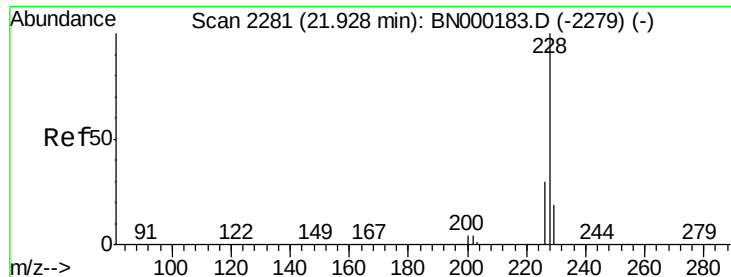


Abundance Ion 228.00 (227.70 to 228.70): E

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: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

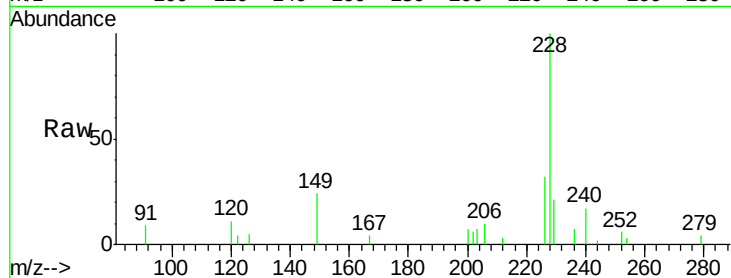
Tgt Ion:228 Resp: 3912

Ion Ratio Lower Upper

228 100

226 31.7 24.0 36.0

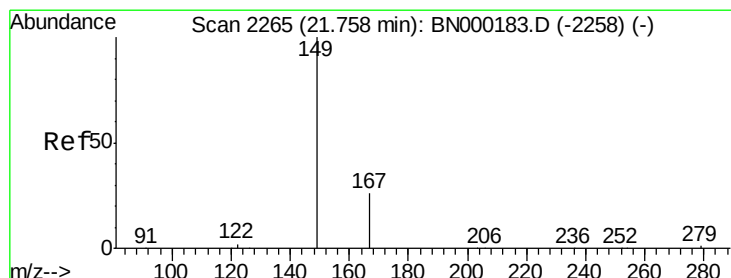
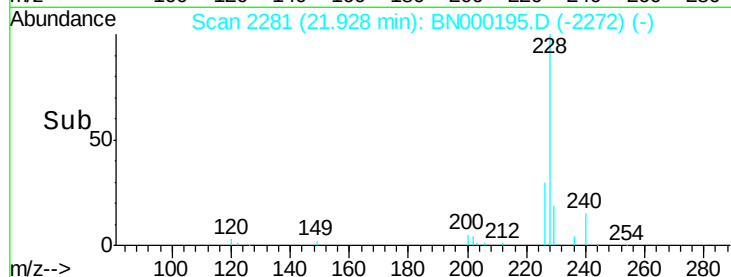
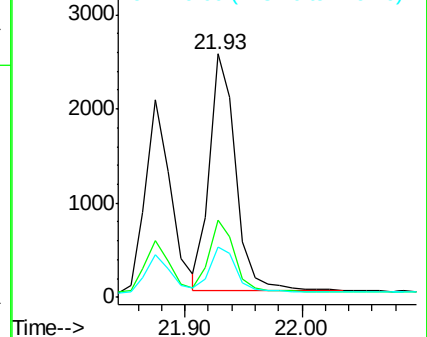
229 20.5 16.0 24.0



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: 0.074 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

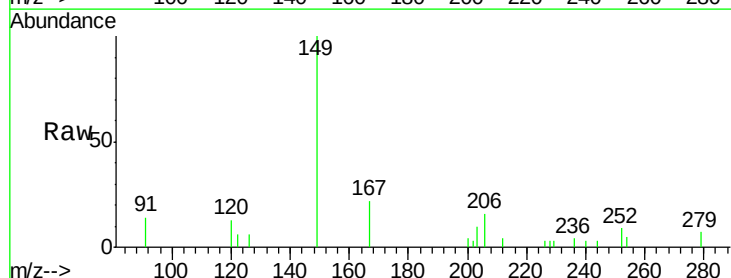
Tgt Ion:149 Resp: 1497

Ion Ratio Lower Upper

149 100

167 23.2 20.0 30.0

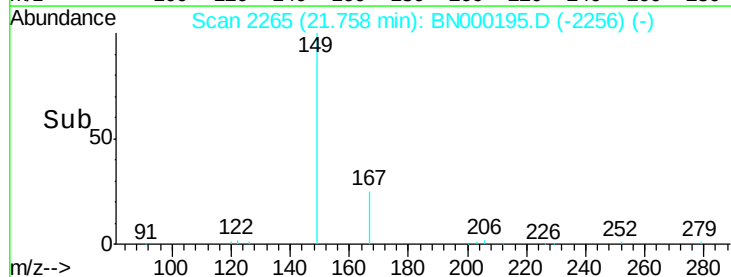
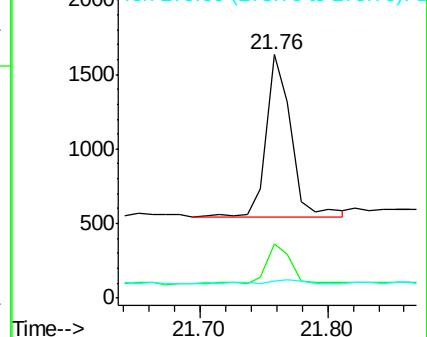
279 2.9 1.6 2.4#

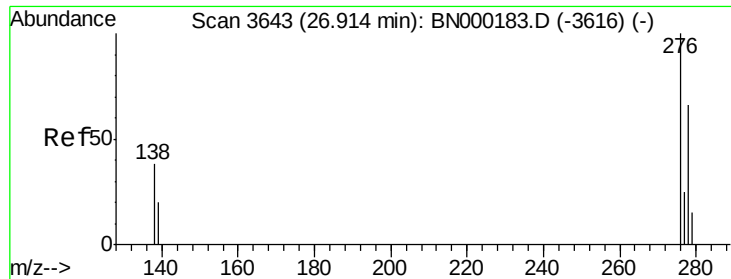


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.054 ng

RT: 26.92 min Scan# 3644

Delta R.T. 0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

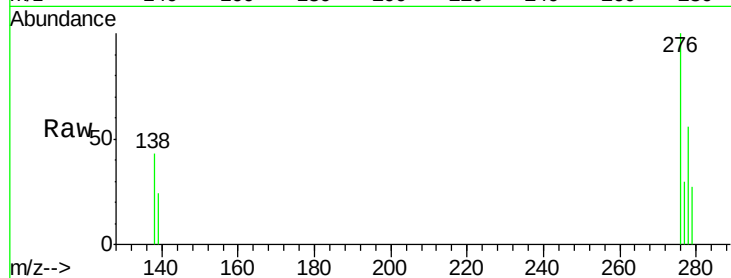
Tgt Ion:276 Resp: 3203

Ion Ratio Lower Upper

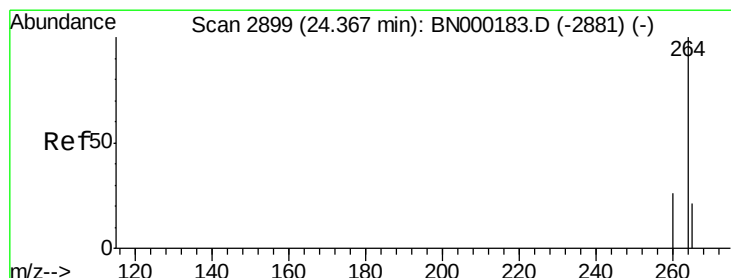
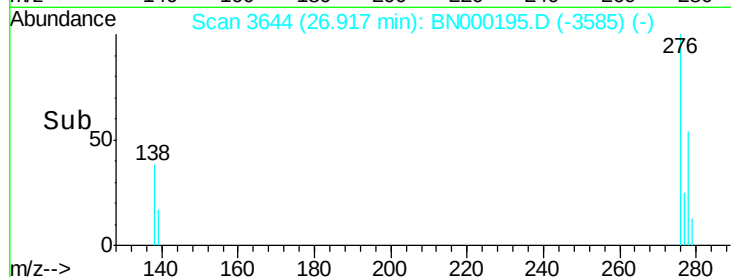
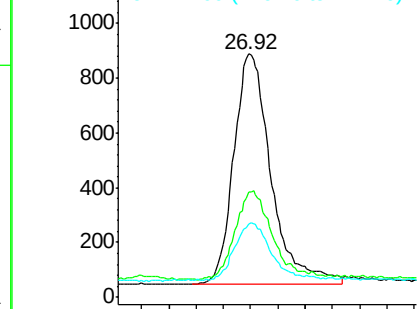
276 100

138 38.3 22.5 33.7#

277 24.4 19.9 29.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.37 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

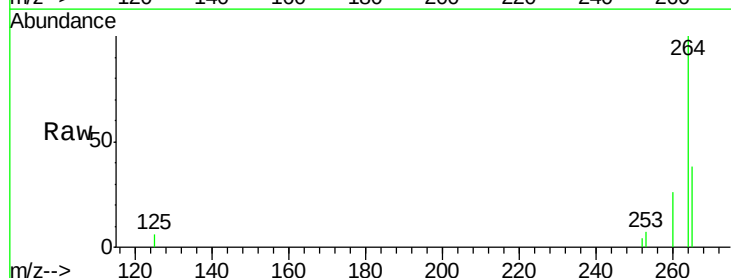
Tgt Ion:264 Resp: 13798

Ion Ratio Lower Upper

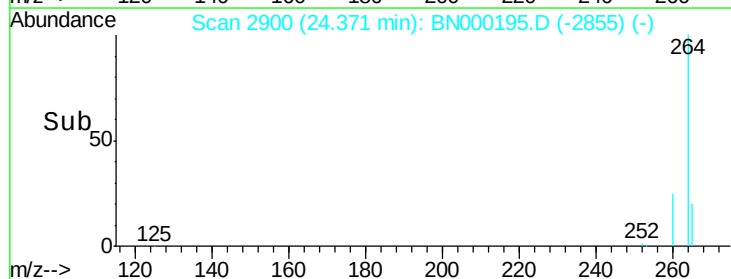
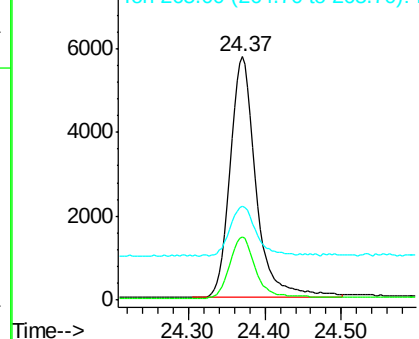
264 100

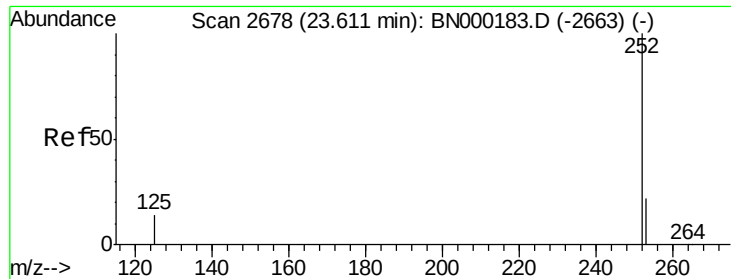
260 25.9 20.5 30.7

265 38.4 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

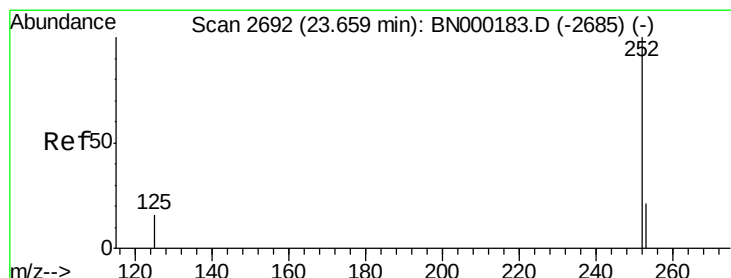
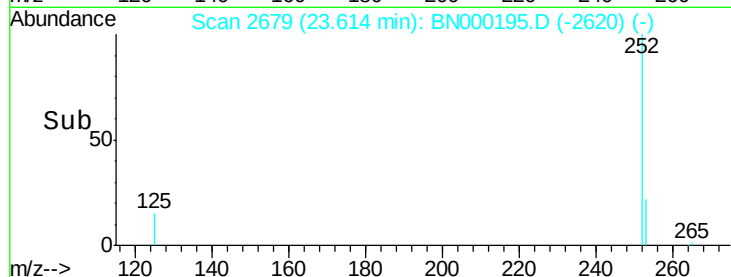
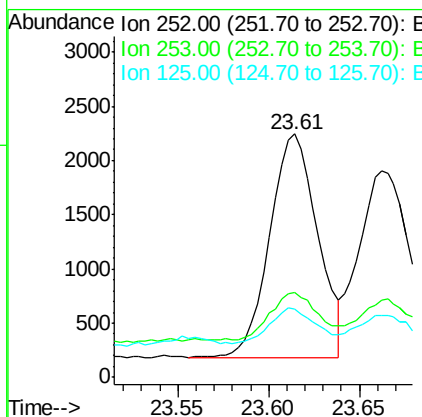
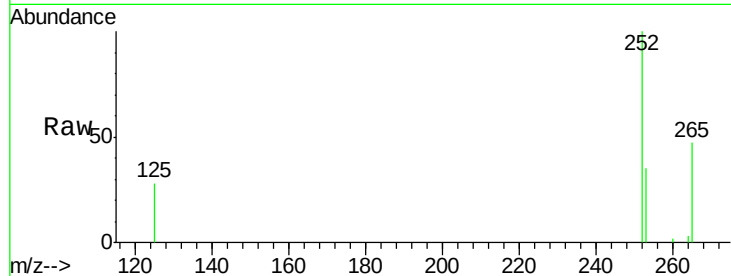




#35
Benzo(b)fluoranthene
Concen: 0.060 ng
RT: 23.61 min Scan# 2679
Delta R.T. 0.00 min
Lab File: BN000195.D
Acq: 27 Feb 2018 17:39

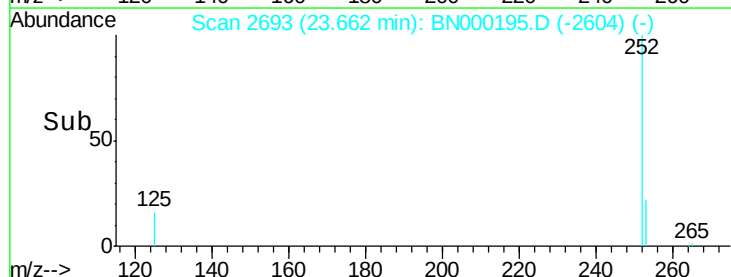
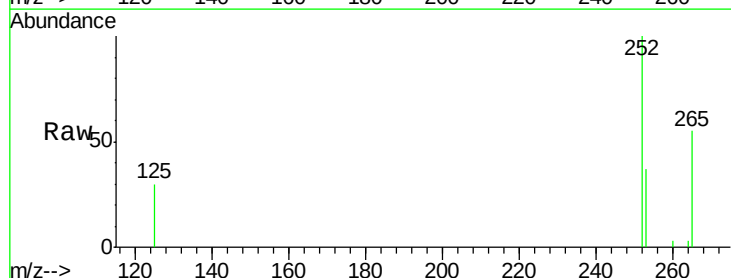
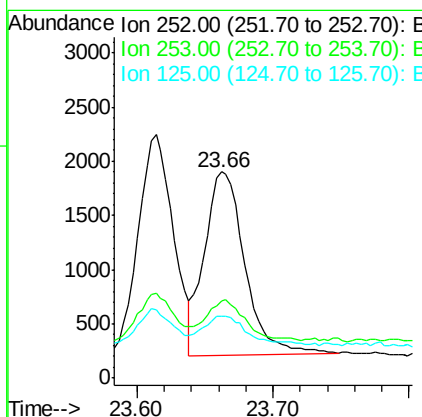
Instrument :
BNA_N
ClientSampleId :
MDL-S-03

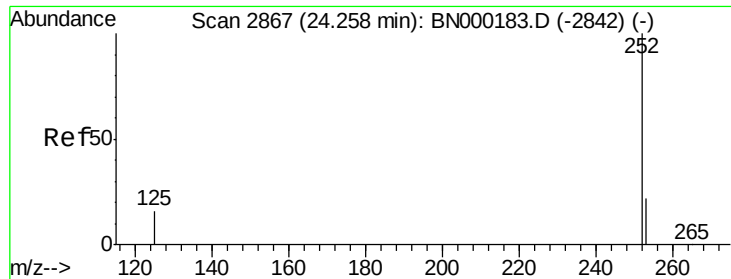
Tgt Ion: 252 Resp: 3772
Ion Ratio Lower Upper
252 100
253 34.8 20.0 30.0#
125 27.9 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.056 ng
RT: 23.66 min Scan# 2693
Delta R.T. 0.00 min
Lab File: BN000195.D
Acq: 27 Feb 2018 17:39

Tgt Ion: 252 Resp: 3472
Ion Ratio Lower Upper
252 100
253 37.4 16.0 24.0#
125 29.8 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.053 ng

RT: 24.26 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03

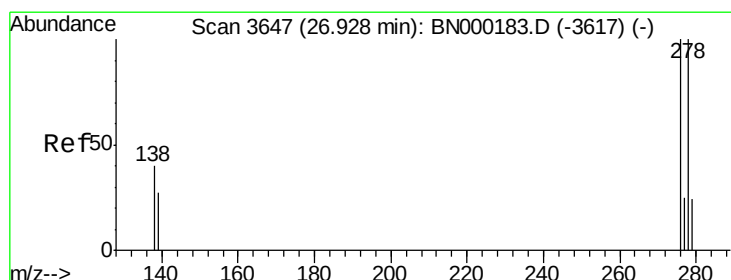
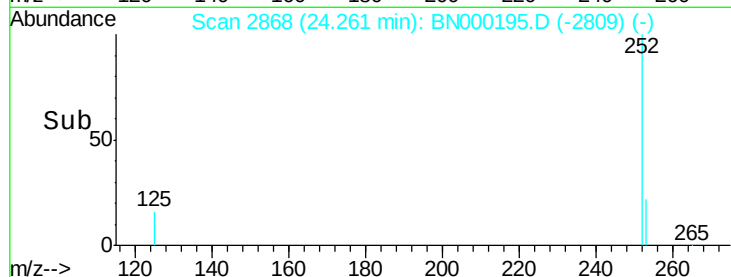
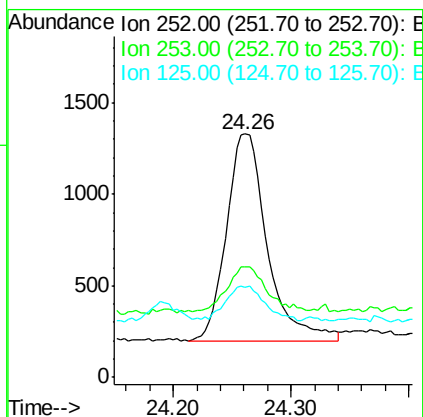
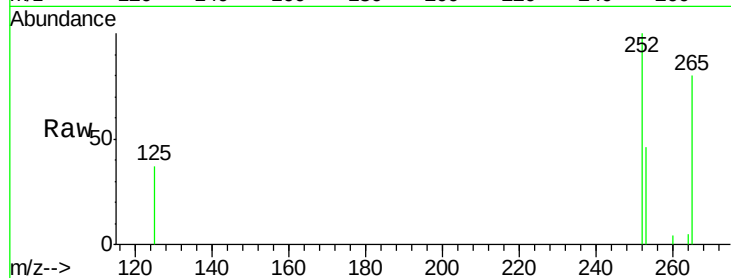
Tgt Ion:252 Resp: 2720

Ion Ratio Lower Upper

252 100

253 45.6 16.0 24.0#

125 37.0 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.052 ng

RT: 26.93 min Scan# 3649

Delta R.T. 0.01 min

Lab File: BN000195.D

Acq: 27 Feb 2018 17:39

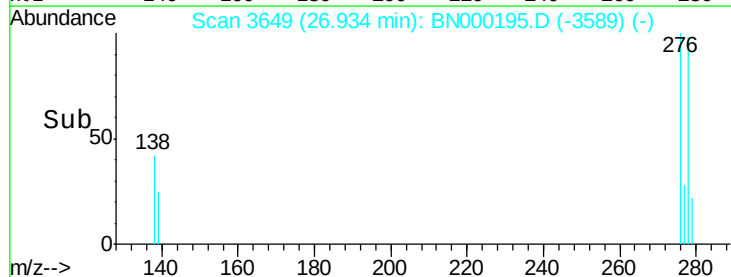
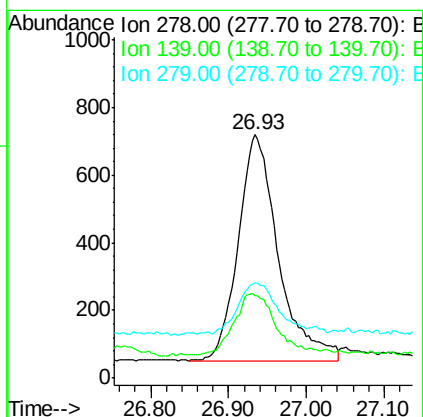
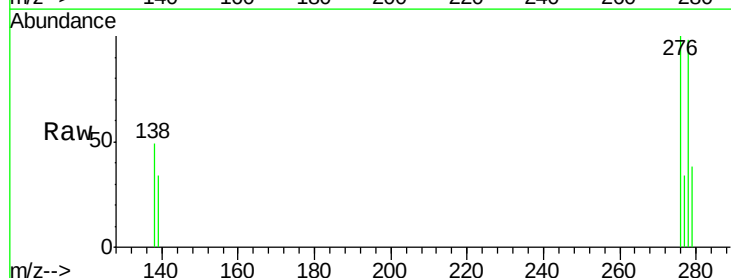
Tgt Ion:278 Resp: 2390

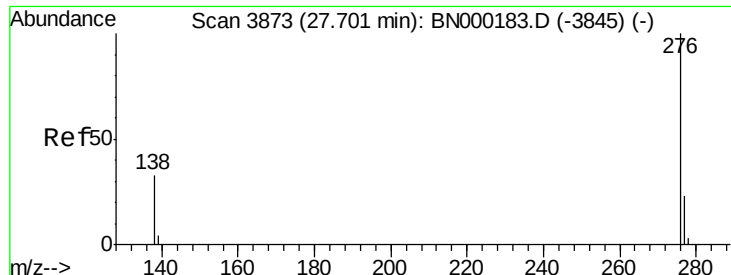
Ion Ratio Lower Upper

278 100

139 34.0 16.0 24.0#

279 39.0 20.0 30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.061 ng

RT: 27.71 min Scan# 3875

Delta R.T. 0.01 min

Lab File: BN000195.D

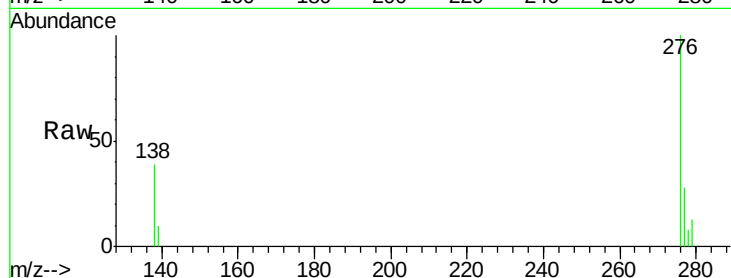
Acq: 27 Feb 2018 17:39

Instrument :

BNA_N

ClientSampleId :

MDL-S-03



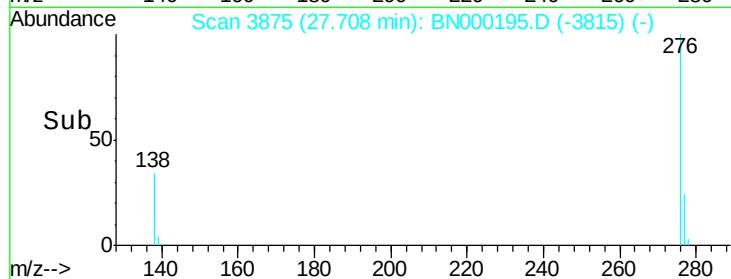
Tgt Ion: 276 Resp: 3307

Ion Ratio Lower Upper

276 100

277 28.2 16.0 24.0#

138 38.8 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

