

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022718\
 Data File : BN000194.D
 Acq On : 27 Feb 2018 17:04
 Operator : JU/SJ
 Sample : MDL-S-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

Quant Time: Feb 27 17:35:01 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	5960	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	22072	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10865	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	25473	0.40	ng	0.00
27) Chrysene-d12	21.90	240	18696	0.40	ng	0.00
34) Perylene-d12	24.37	264	14798	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.93	112	4555	0.36	ng	0.00
5) Phenol-d6	7.58	99	5561	0.35	ng	0.00
8) Nitrobenzene-d5	9.63	82	4363	0.33	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	12446	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1091	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	18924	0.37	ng	0.00
25) Fluoranthene-d10	19.77	212	23290	0.34	ng	0.00
29) Terphenyl-d14	20.34	244	13371	0.41	ng	0.00

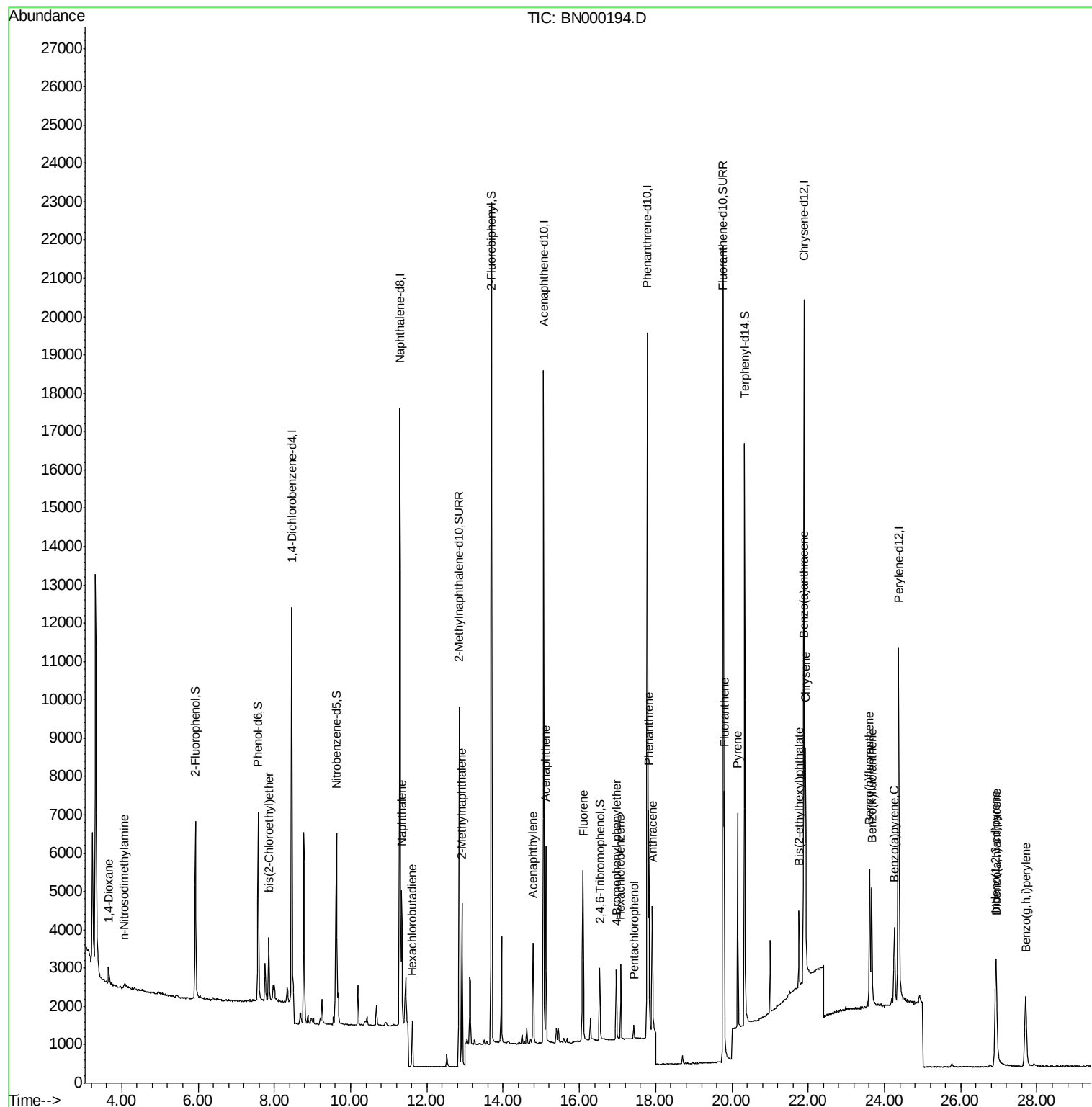
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	497	0.080	ng	99
3) n-Nitrosodimethylamine	4.06	42	138	0.125	ng	# 1
6) bis(2-Chloroethyl)ether	7.85	93	1412	0.070	ng	97
9) Naphthalene	11.34	128	4721	0.073	ng	# 93
10) Hexachlorobutadiene	11.62	225	788	0.072	ng	97
12) 2-Methylnaphthalene	12.92	142	2935	0.069	ng	99
16) Acenaphthylene	14.78	152	3114	0.061	ng	99
17) Acenaphthene	15.13	154	2711	0.067	ng	96
18) Fluorene	16.10	166	3393	0.067	ng	# 80
20) 4-Bromophenyl-phenylether	16.97	248	909	0.062	ng	# 80
21) Hexachlorobenzene	17.09	284	1294	0.066	ng	94
22) Pentachlorophenol	17.43	266	228	0.132	ng	93
23) Phenanthrene	17.82	178	5957	0.066	ng	96
24) Anthracene	17.91	178	3900	0.057	ng	96
26) Fluoranthene	19.80	202	5932	0.064	ng	# 95
28) Pyrene	20.15	202	5721	0.078	ng	99
30) Benzo(a)anthracene	21.87	228	4002	0.068	ng	99
31) Chrysene	21.93	228	5025	0.073	ng	98
32) Bis(2-ethylhexyl)phthalate	21.76	149	1937	0.088	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.92	276	3957	0.062	ng	# 87
35) Benzo(b)fluoranthene	23.61	252	4804	0.071	ng	# 85
36) Benzo(k)fluoranthene	23.66	252	4356	0.066	ng	# 65
37) Benzo(a)pyrene	24.26	252	3395	0.062	ng	# 57
38) Dibenzo(a,h)anthracene	26.93	278	3002	0.061	ng	# 72
39) Benzo(g,h,i)perylene	27.70	276	3961	0.068	ng	# 76

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 635

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

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ClientSampleId :

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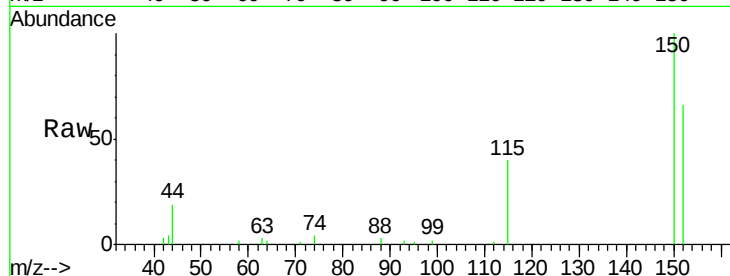
Tgt Ion:152 Resp: 5960

Ion Ratio Lower Upper

152 100

150 152.2 117.2 175.8

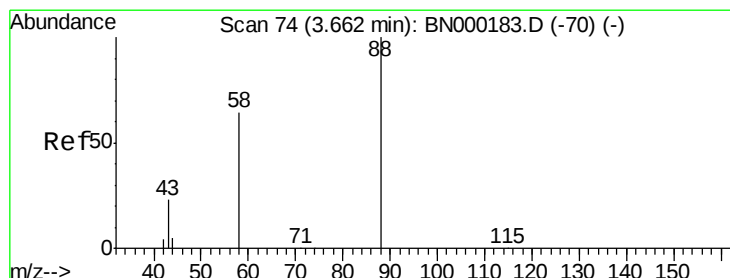
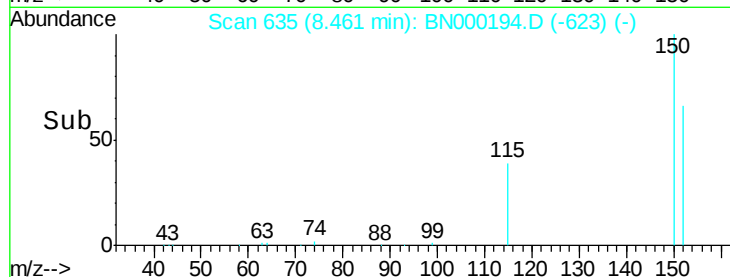
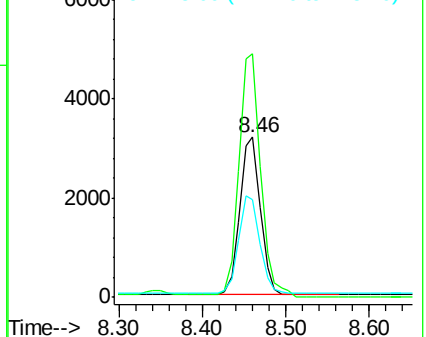
115 60.9 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.080 ng

RT: 3.66 min Scan# 74

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

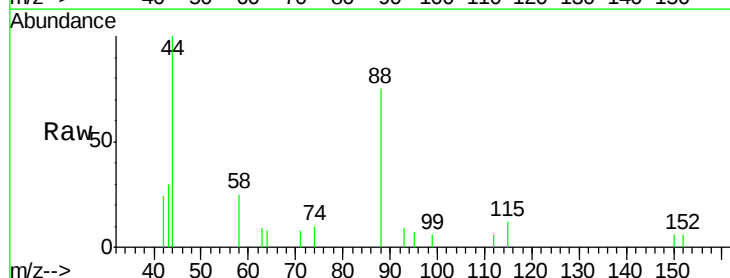
Tgt Ion: 88 Resp: 497

Ion Ratio Lower Upper

88 100

58 59.8 48.0 72.0

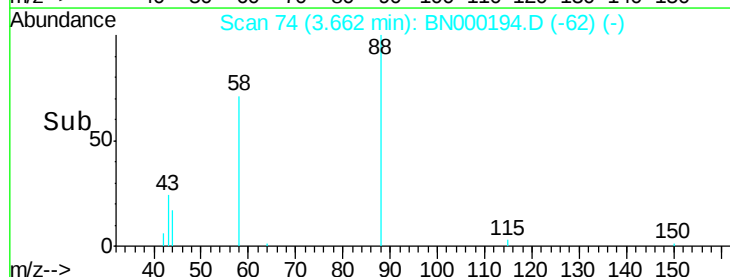
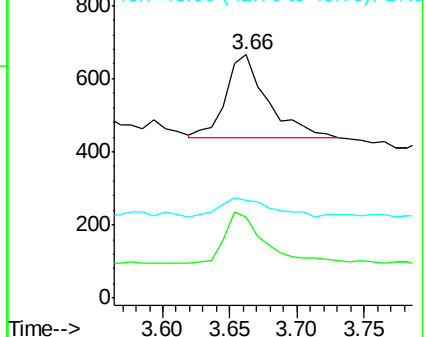
43 25.8 20.0 30.0

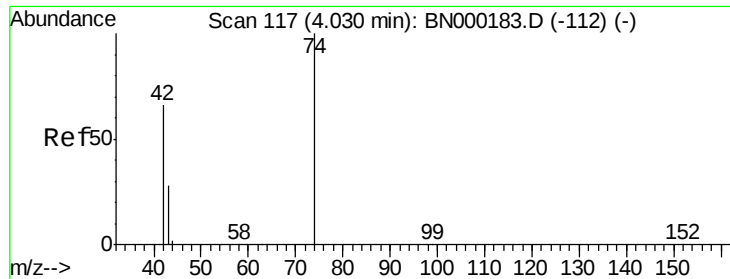


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



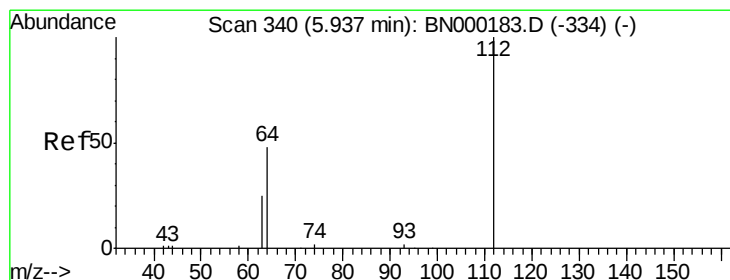
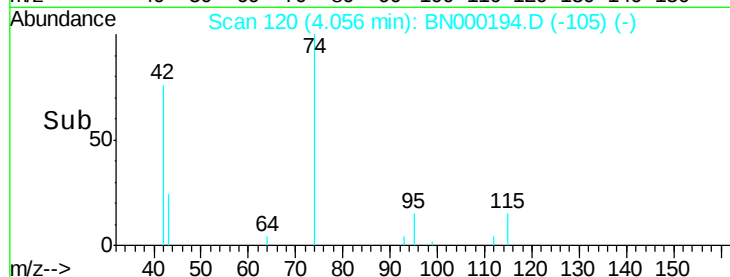
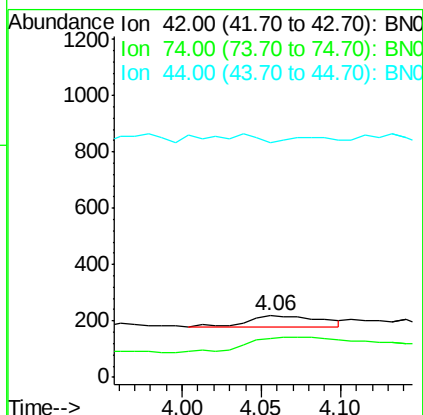
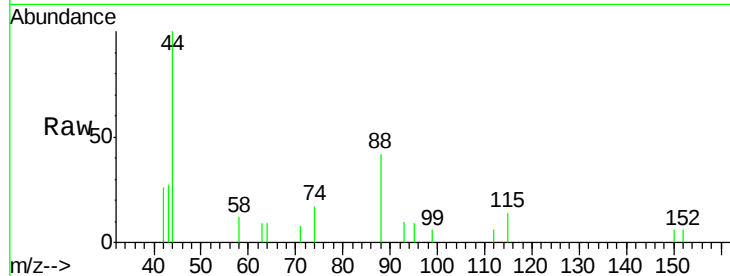


#3

n-Nitrosodimethylamine
 Concen: 0.125 ng
 RT: 4.06 min Scan# 120
 Delta R.T. 0.03 min
 Lab File: BN000194.D
 Acq: 27 Feb 2018 17:04

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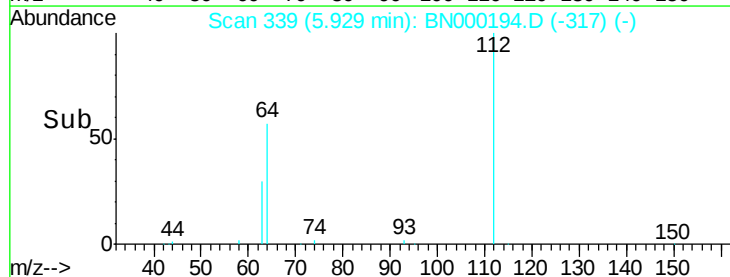
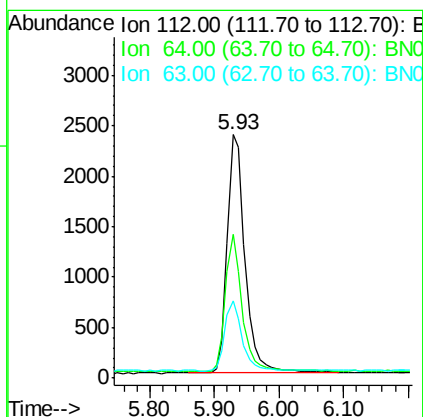
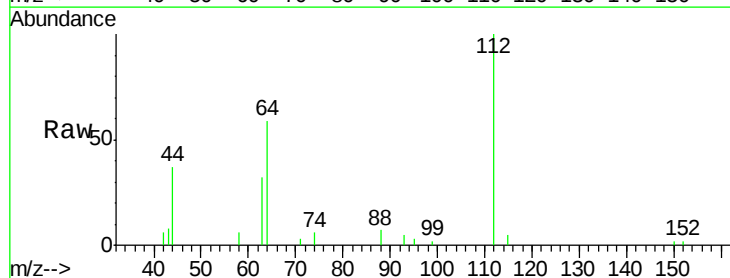
Tgt Ion: 42 Resp: 138
 Ion Ratio Lower Upper
 42 100
 74 0.0 120.0 180.0#
 44 51.4 4.0 6.0#

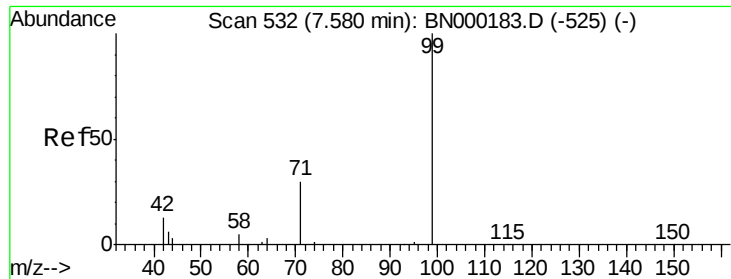


#4

2-Fluorophenol
 Concen: 0.362 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000194.D
 Acq: 27 Feb 2018 17:04

Tgt Ion: 112 Resp: 4555
 Ion Ratio Lower Upper
 112 100
 64 53.7 60.1 90.1#
 63 28.3 116.8 175.2#





#5

Phenol-d6

Concen: 0.348 ng

RT: 7.58 min Scan# 532

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

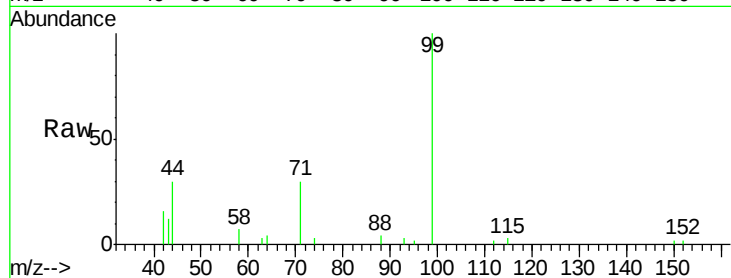
Tgt Ion: 99 Resp: 5561

Ion Ratio Lower Upper

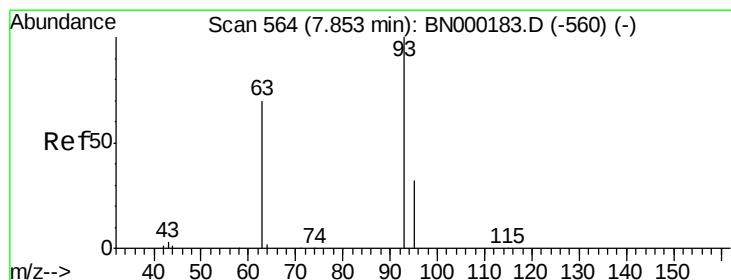
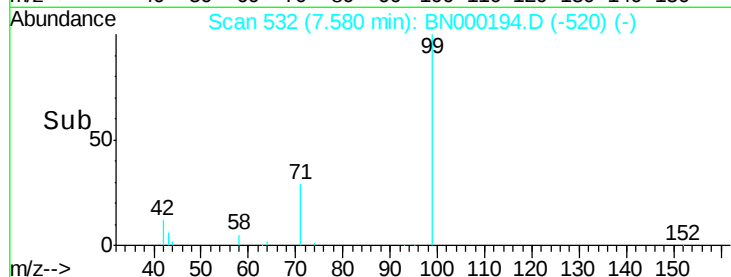
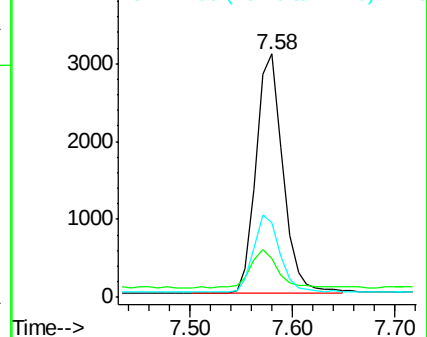
99 100

42 15.5 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: 0.070 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

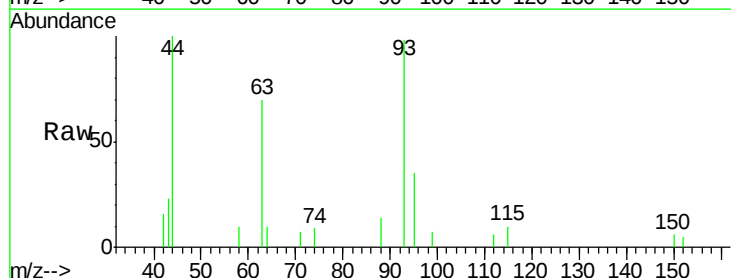
Tgt Ion: 93 Resp: 1412

Ion Ratio Lower Upper

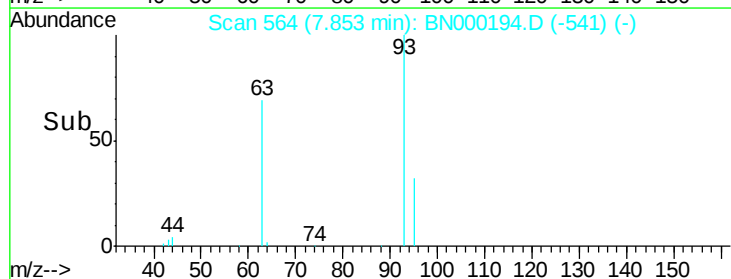
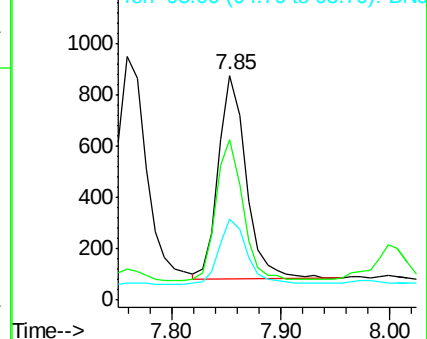
93 100

63 67.0 56.0 84.0

95 32.6 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: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

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ClientSampleId :

MDL-S-02

Tgt Ion:136 Resp: 22072

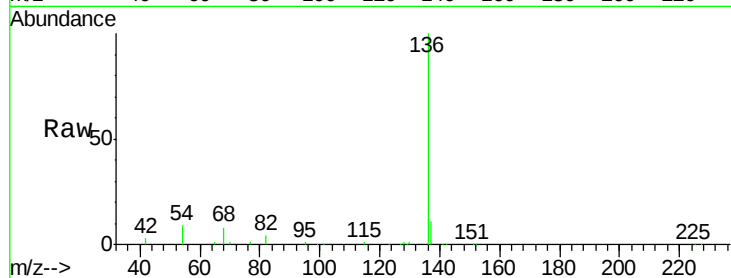
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 8.9 29.1 43.7#

68 7.8 6.2 9.2

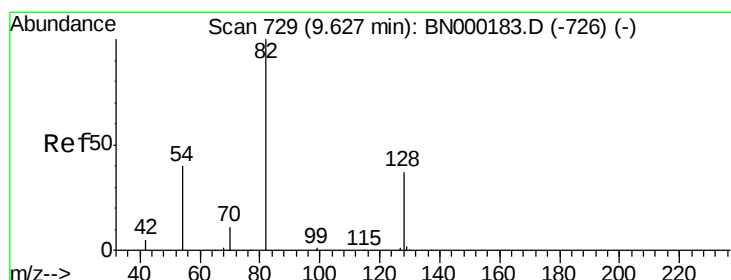
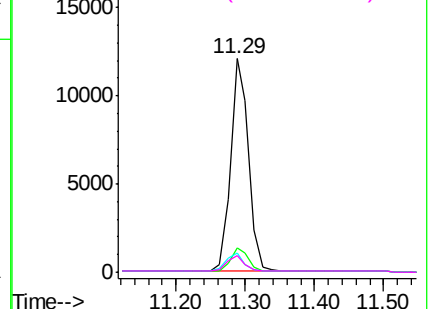
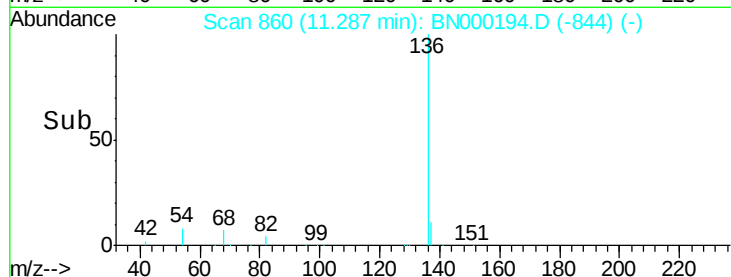


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.333 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

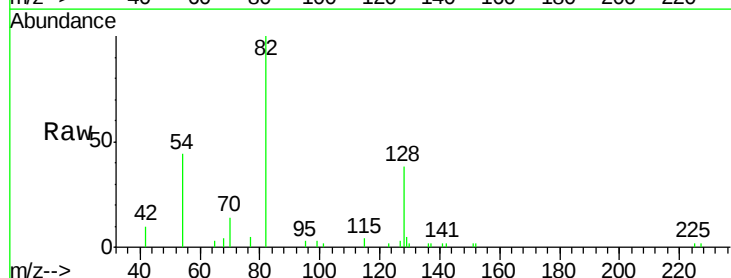
Tgt Ion: 82 Resp: 4363

Ion Ratio Lower Upper

82 100

128 38.2 150.0 225.0#

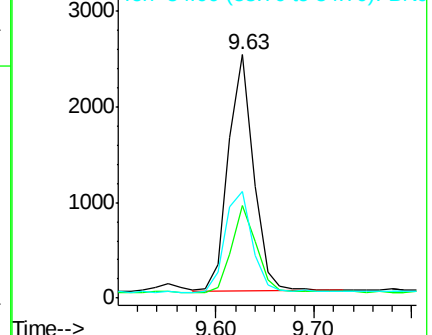
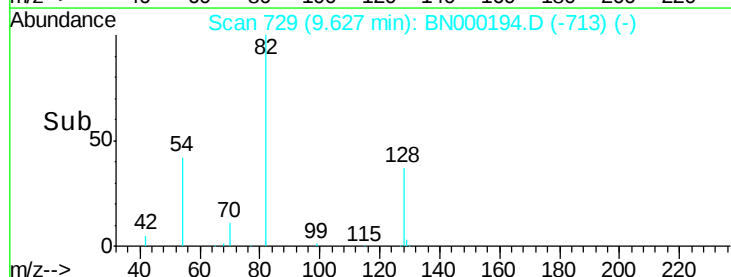
54 43.6 154.2 231.4#

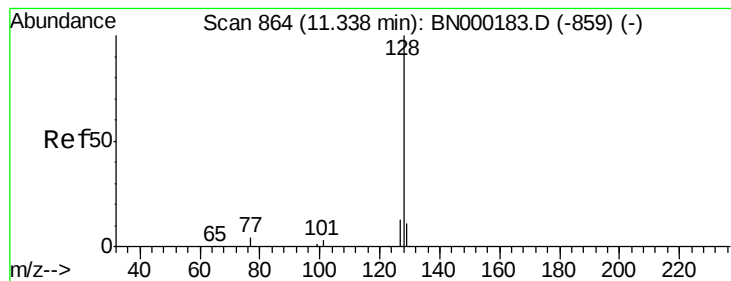


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.073 ng

RT: 11.34 min Scan# 864

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

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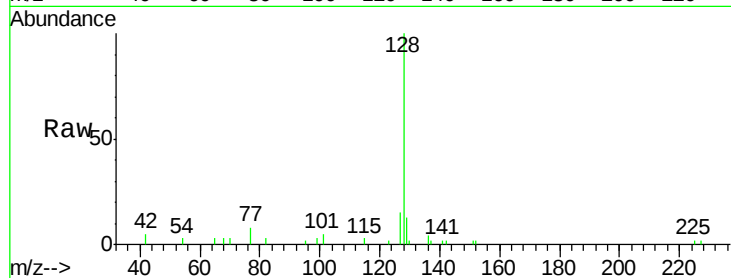
Tgt Ion:128 Resp: 4721

Ion Ratio Lower Upper

128 100

129 12.7 8.0 12.0#

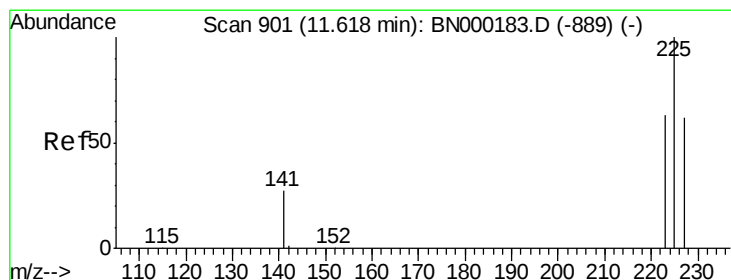
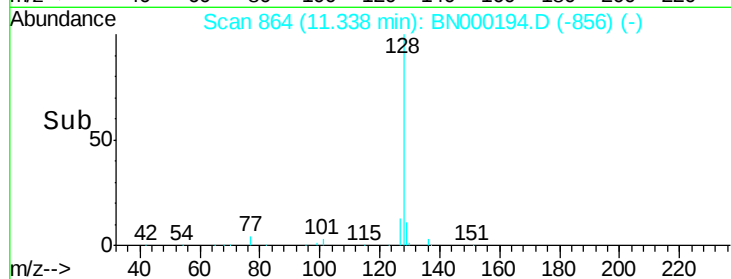
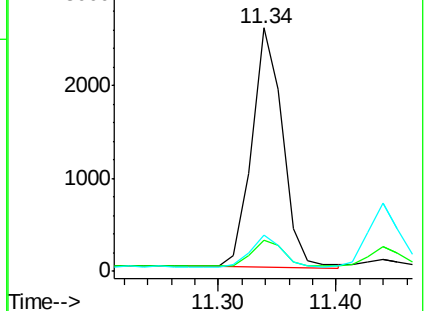
127 14.7 9.6 14.4#



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# 902

Delta R.T. 0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

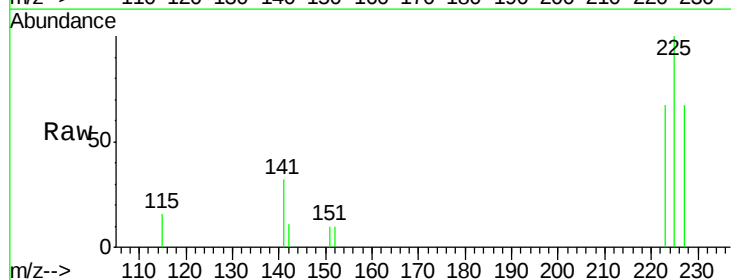
Tgt Ion:225 Resp: 788

Ion Ratio Lower Upper

225 100

223 63.7 53.0 79.6

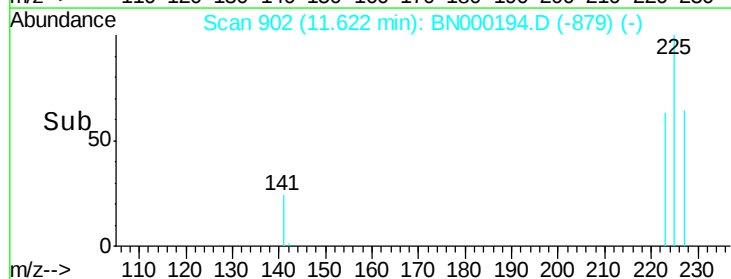
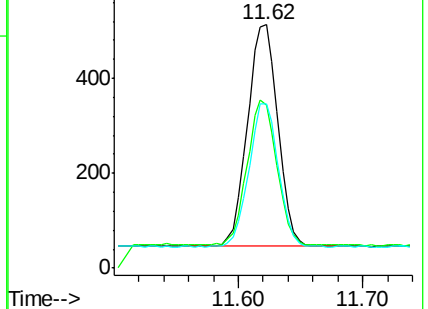
227 62.9 51.4 77.2

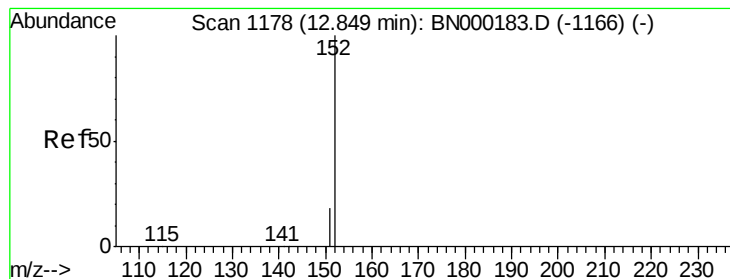


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.375 ng

RT: 12.85 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

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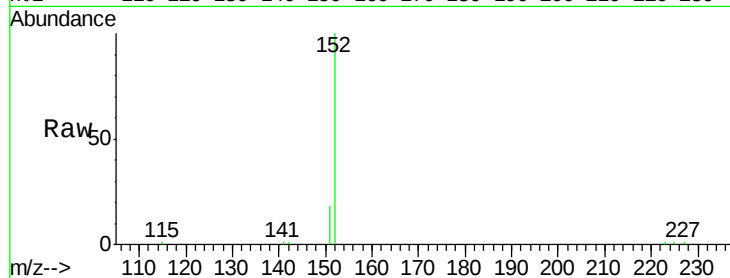
MDL-S-02

Tgt Ion:152 Resp: 12446

Ion Ratio Lower Upper

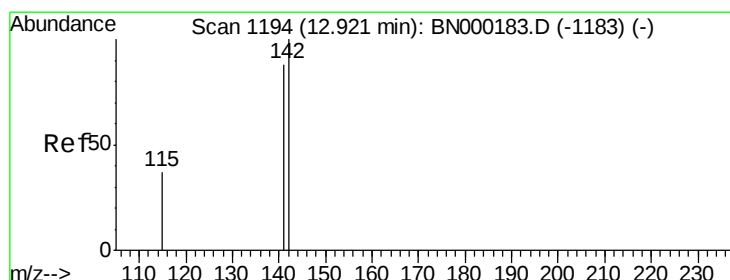
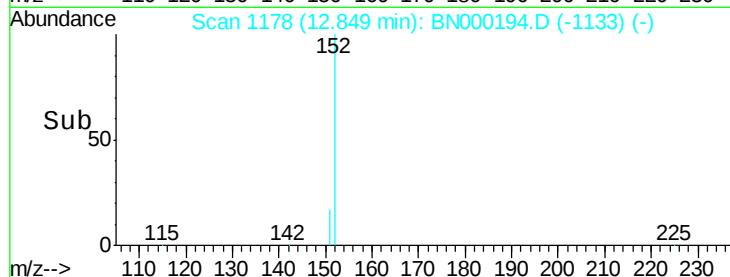
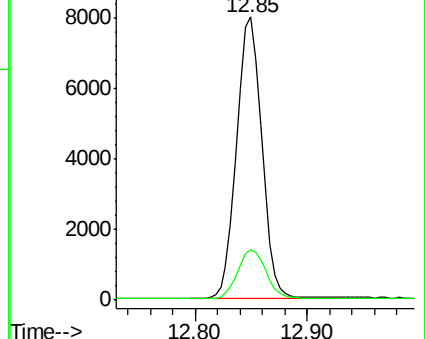
152 100

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: 0.069 ng

RT: 12.92 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

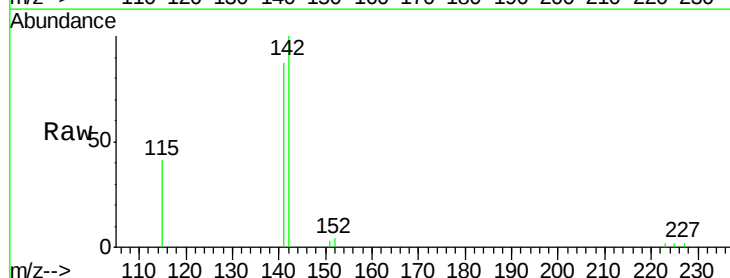
Tgt Ion:142 Resp: 2935

Ion Ratio Lower Upper

142 100

141 87.3 70.4 105.6

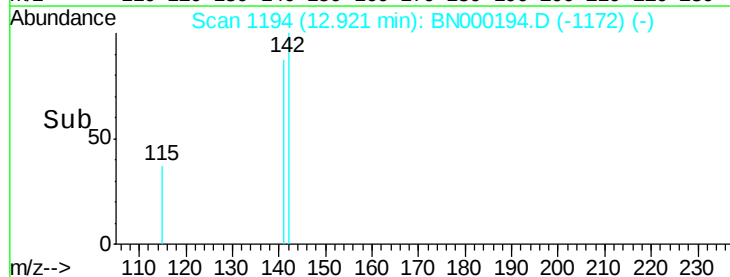
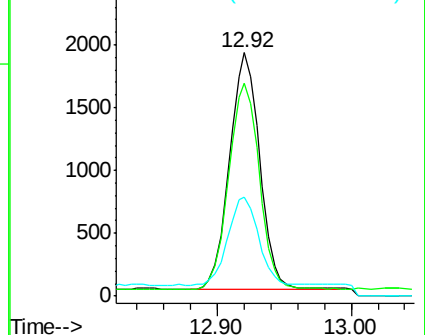
115 40.8 31.7 47.5

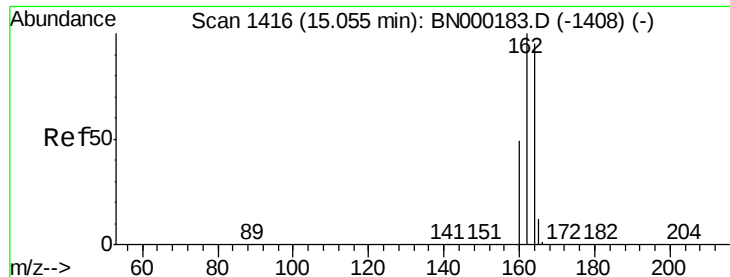


Abundance Ion 142.00 (141.70 to 142.70): E

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

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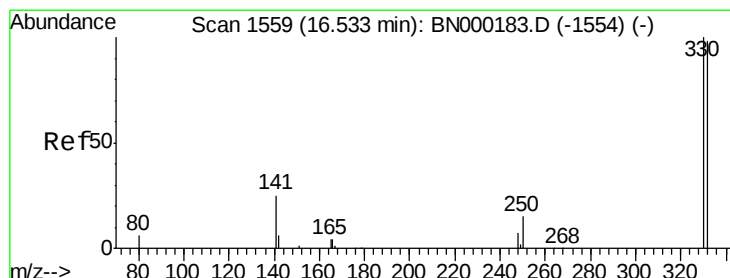
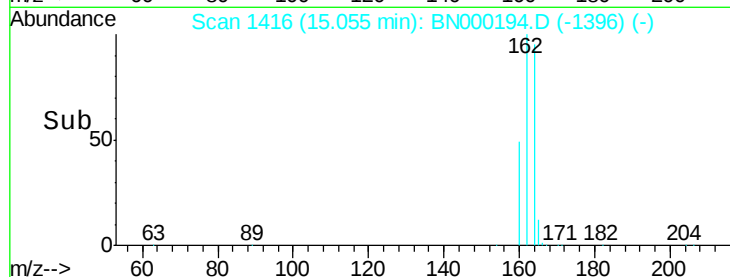
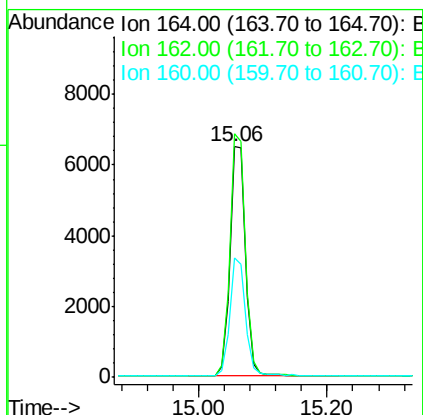
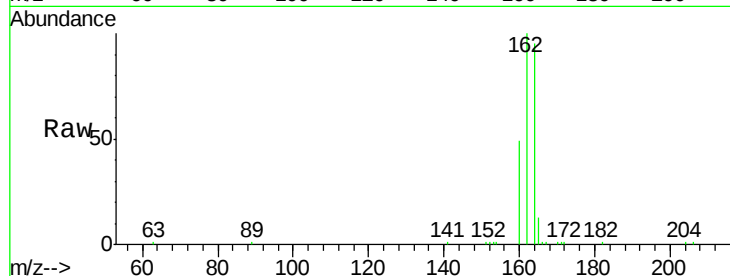
Tgt Ion:164 Resp: 10865

Ion Ratio Lower Upper

164 100

162 105.8 83.1 124.7

160 52.0 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.316 ng

RT: 16.53 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

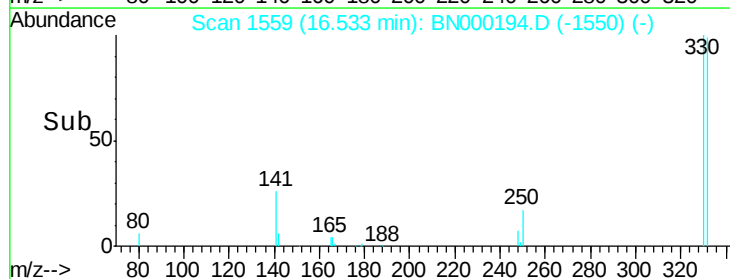
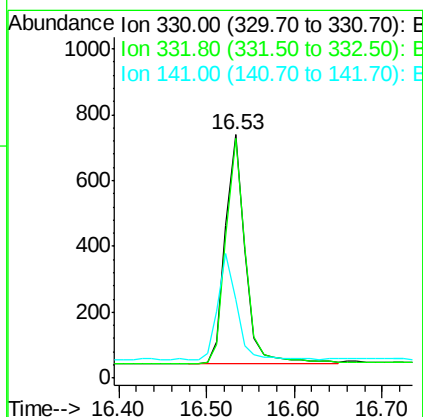
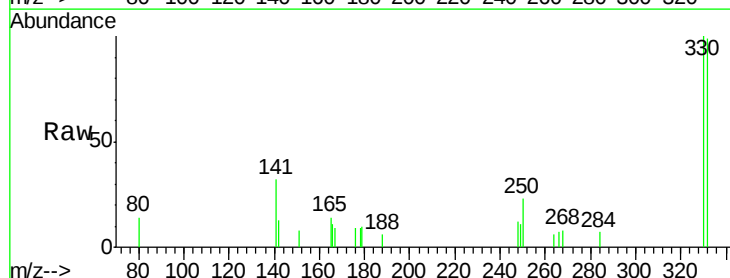
Tgt Ion:330 Resp: 1091

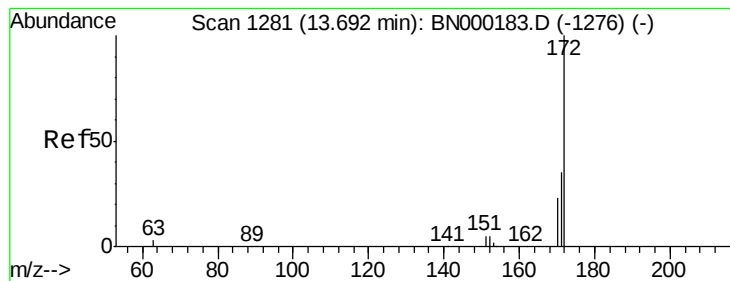
Ion Ratio Lower Upper

330 100

332 98.6 152.7 229.1#

141 44.5 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 0.367 ng

RT: 13.69 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

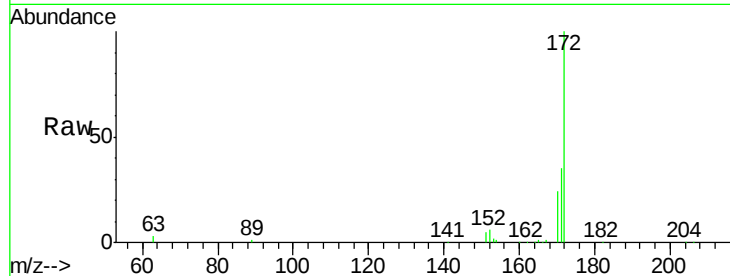
Tgt Ion:172 Resp: 18924

Ion Ratio Lower Upper

172 100

171 35.0 29.9 44.9

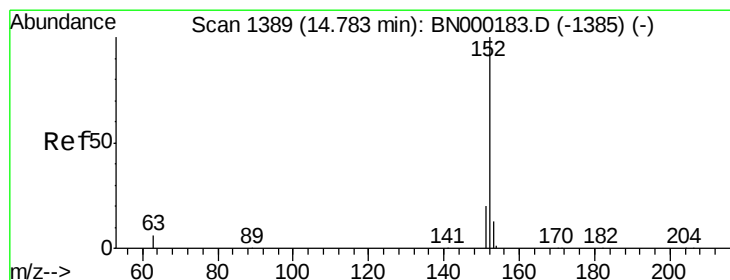
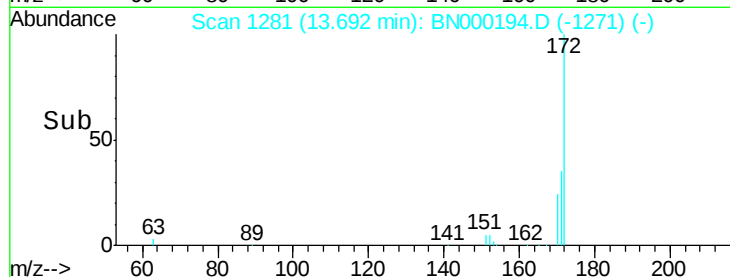
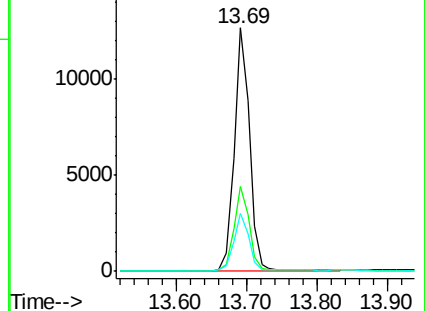
170 24.0 21.8 32.8



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: 0.061 ng

RT: 14.78 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

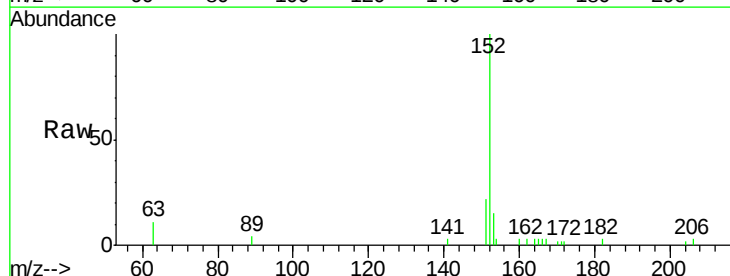
Tgt Ion:152 Resp: 3114

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

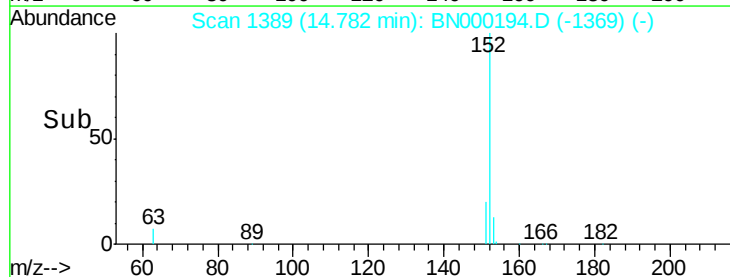
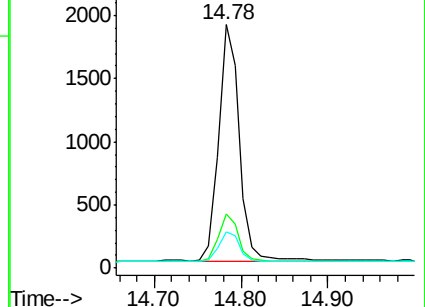
153 12.5 10.5 15.7

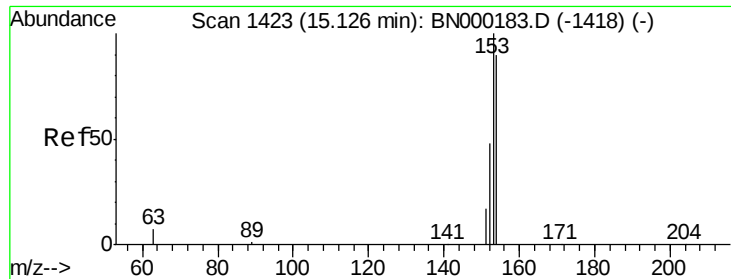


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

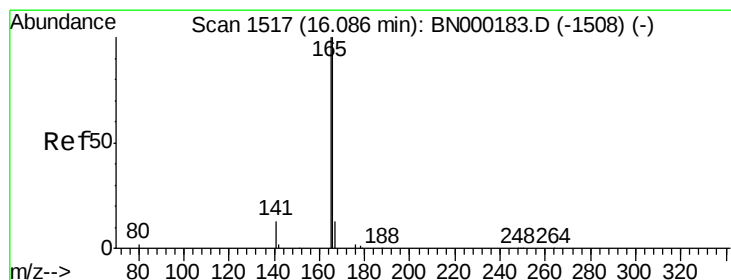
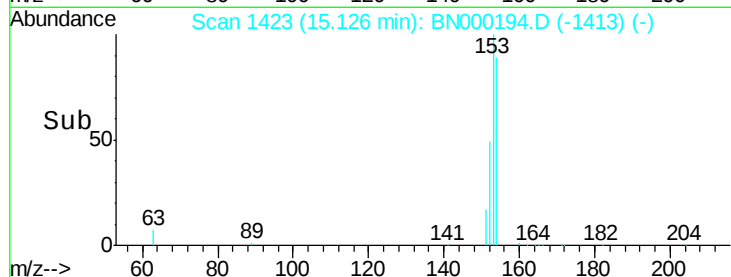
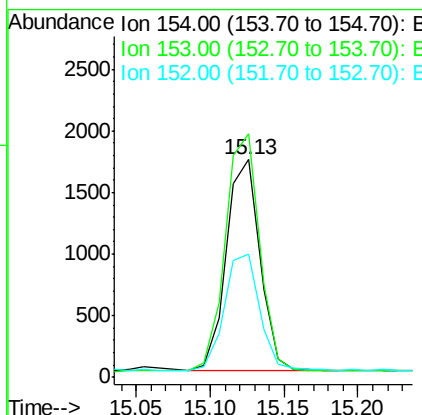
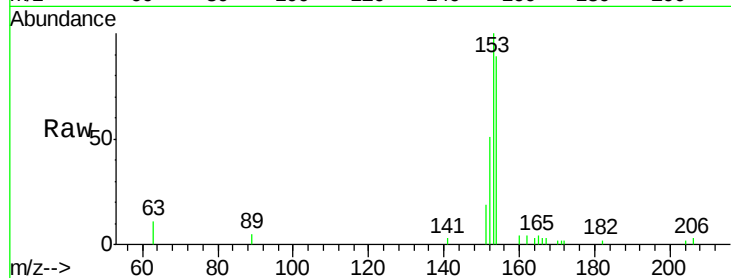




#17
Acenaphthene
Concen: 0.067 ng
RT: 15.13 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN000194.D
Acq: 27 Feb 2018 17:04

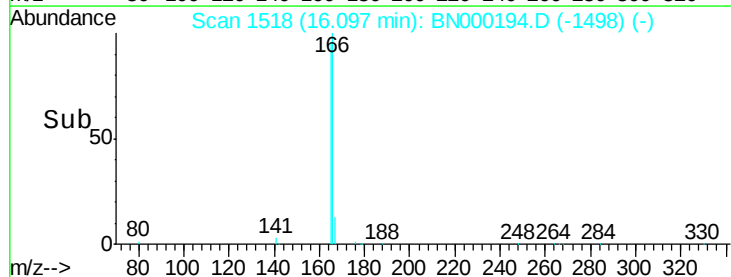
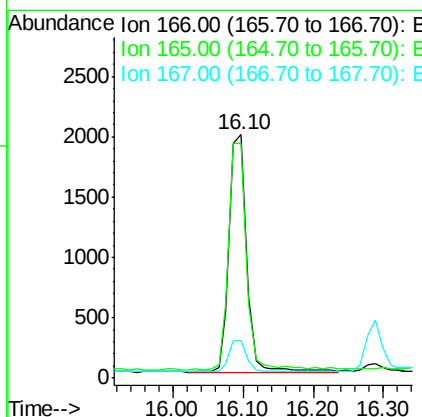
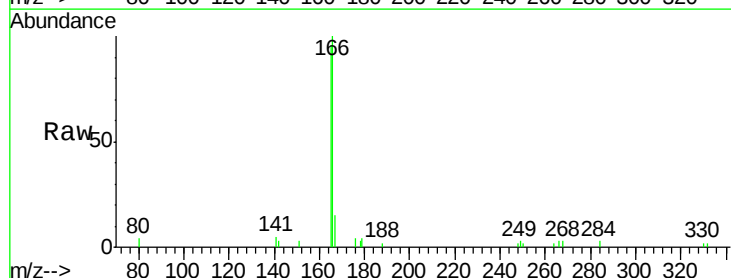
Instrument :
BNA_N
ClientSampleId :
MDL-S-02

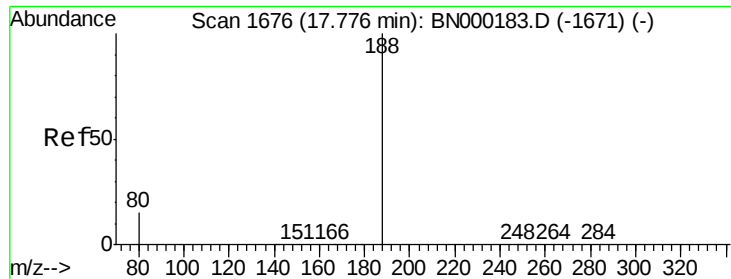
Tgt Ion:154 Resp: 2711
Ion Ratio Lower Upper
154 100
153 114.4 89.2 133.8
152 57.5 42.0 63.0



#18
Fluorene
Concen: 0.067 ng
RT: 16.10 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BN000194.D
Acq: 27 Feb 2018 17:04

Tgt Ion:166 Resp: 3393
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.6
167 13.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

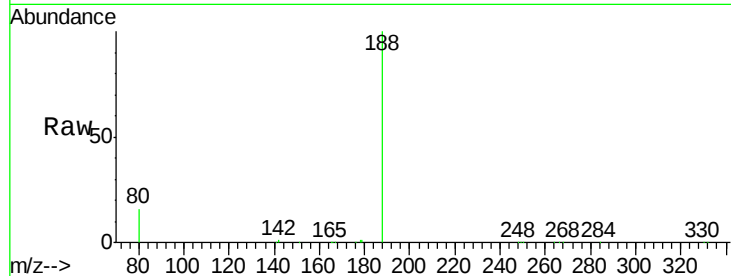
Tgt Ion:188 Resp: 25473

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

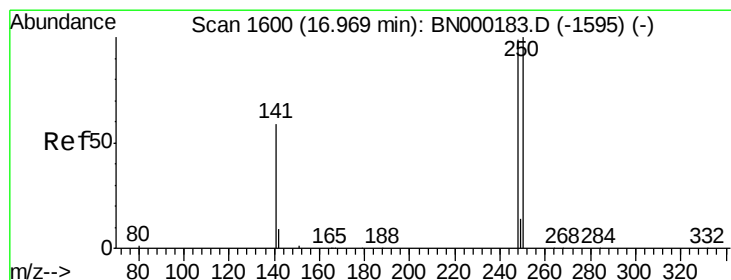
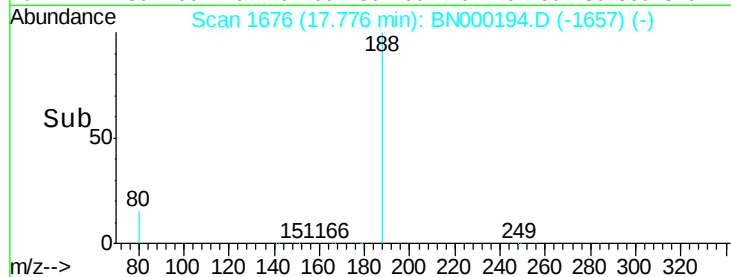
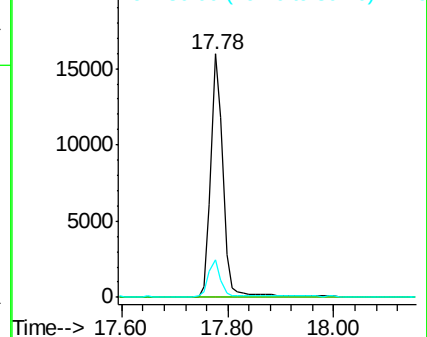
80 15.5 3.6 5.4#



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: 0.062 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

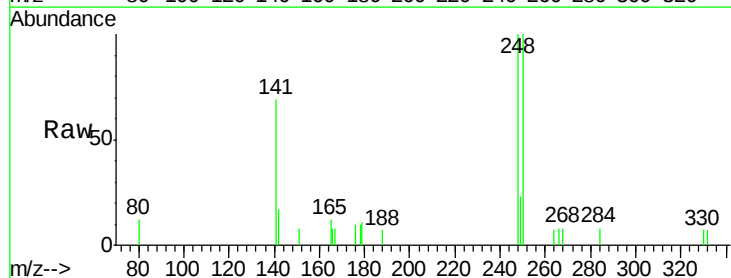
Tgt Ion:248 Resp: 909

Ion Ratio Lower Upper

248 100

250 100.3 62.7 94.1#

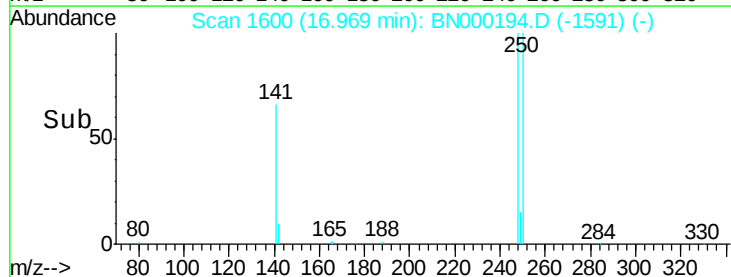
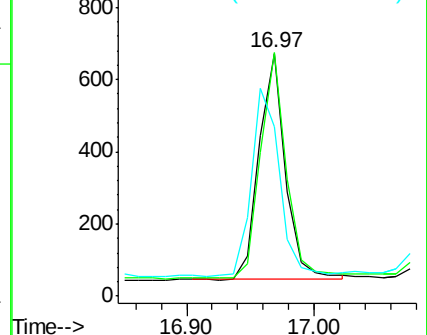
141 69.6 48.2 72.2

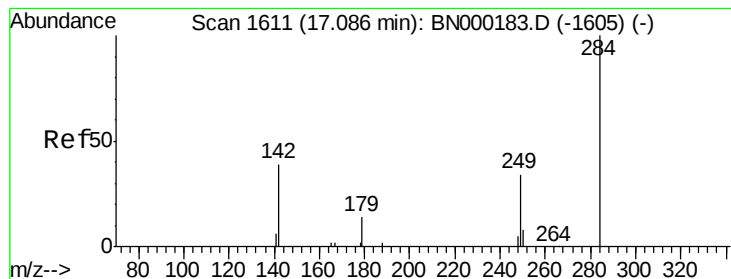


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.066 ng

RT: 17.09 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

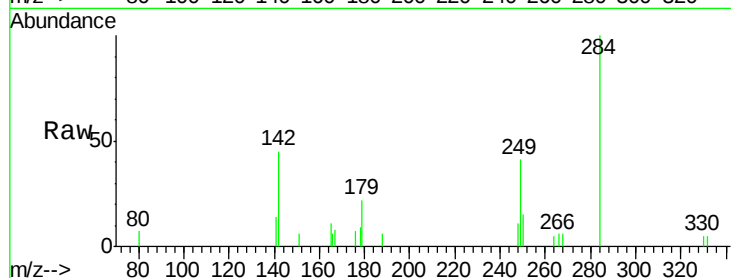
Tgt Ion:284 Resp: 1294

Ion Ratio Lower Upper

284 100

142 42.3 32.0 48.0

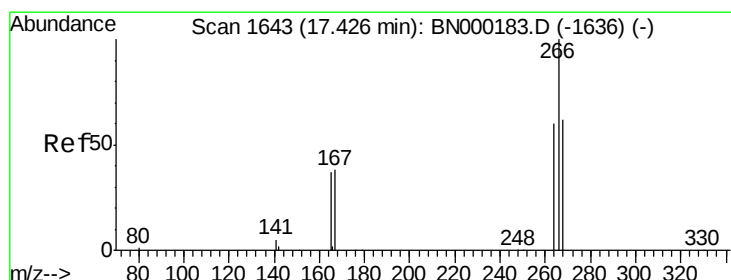
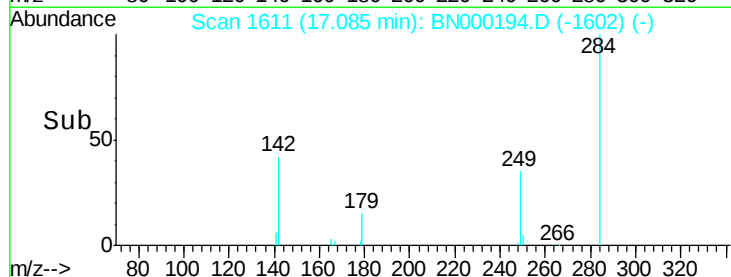
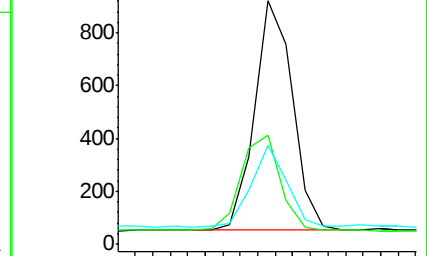
249 34.4 24.0 36.0



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: BN000194.D

Acq: 27 Feb 2018 17:04

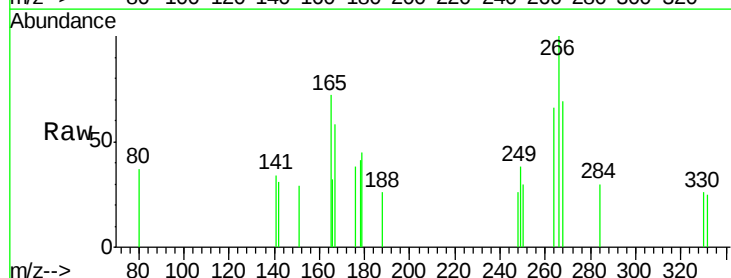
Tgt Ion:266 Resp: 228

Ion Ratio Lower Upper

266 100

264 66.5 48.0 72.0

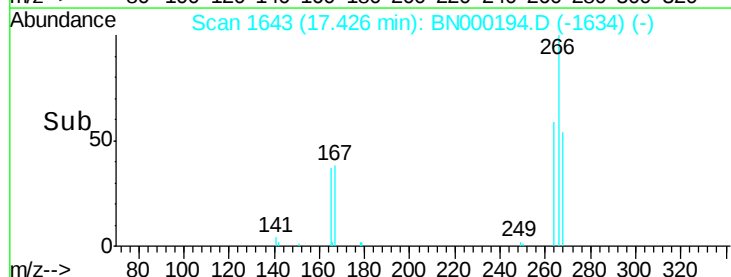
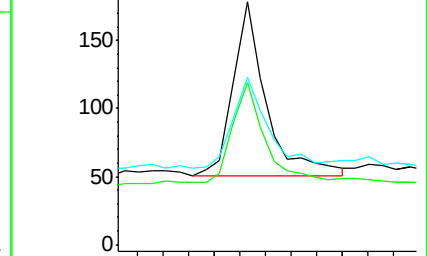
268 68.7 52.0 78.0



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: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

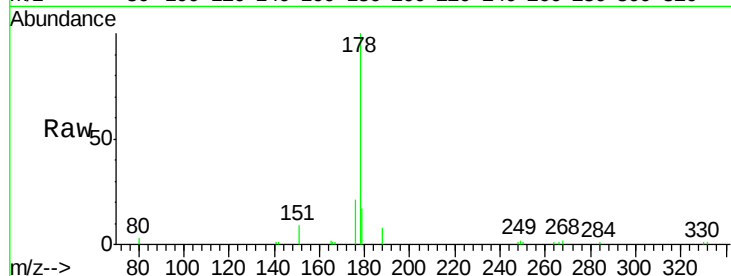
Tgt Ion:178 Resp: 5957

Ion Ratio Lower Upper

178 100

176 20.8 15.1 22.7

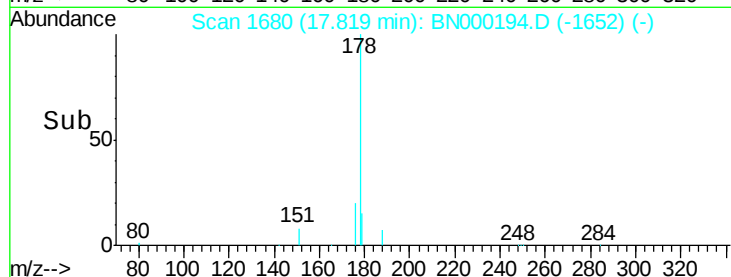
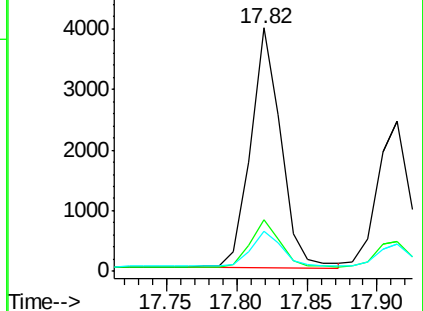
179 16.1 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.057 ng

RT: 17.91 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

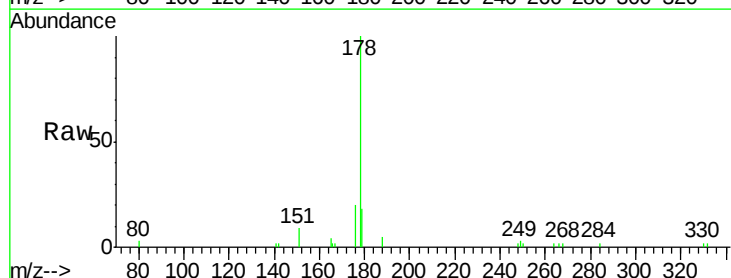
Tgt Ion:178 Resp: 3900

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

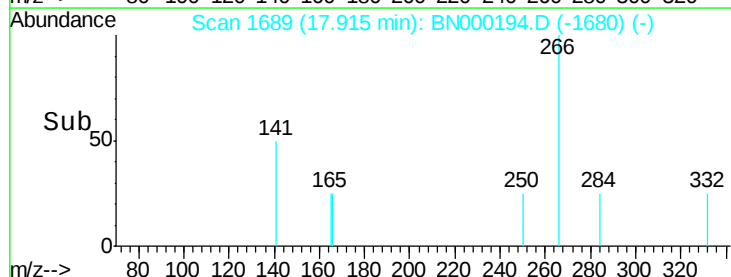
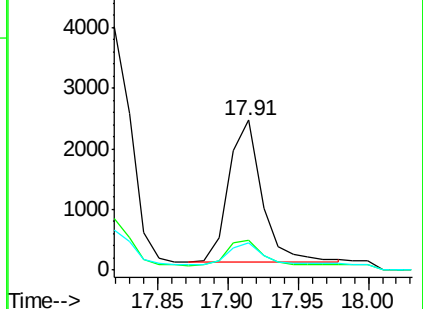
179 15.5 13.0 19.6

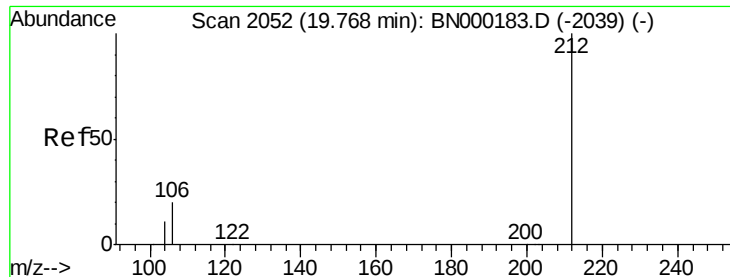


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.342 ng

RT: 19.77 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

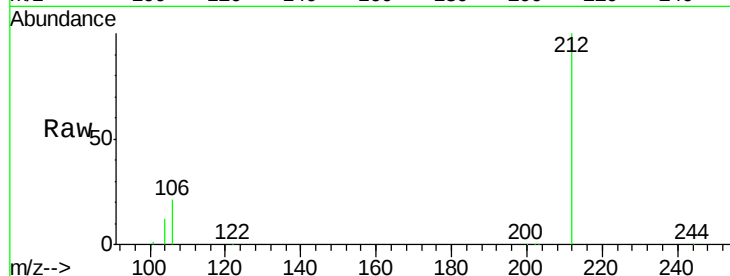
Tgt Ion:212 Resp: 23290

Ion Ratio Lower Upper

212 100

106 19.4 2.8 4.2#

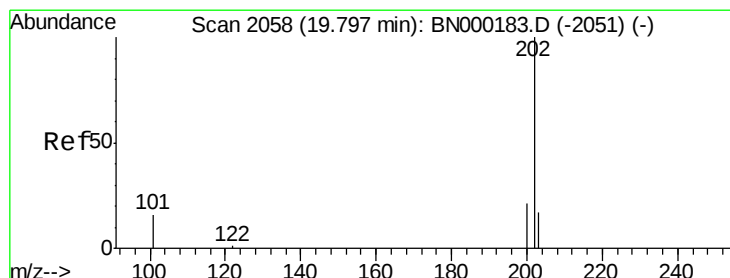
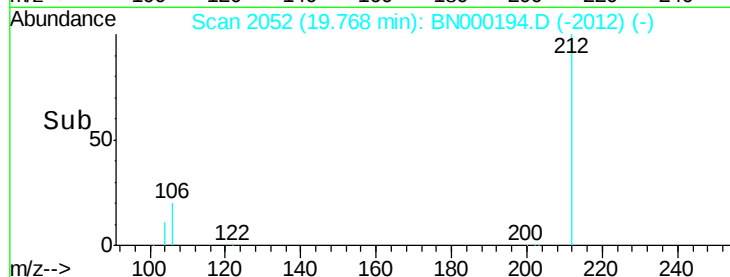
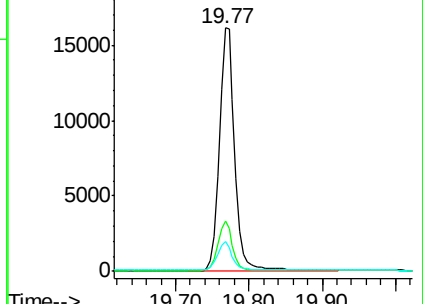
104 10.8 1.6 2.4#



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# 2058

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

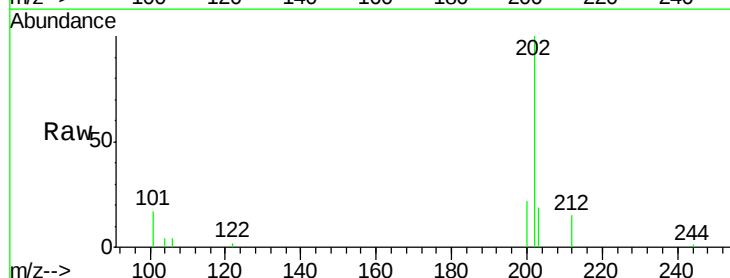
Tgt Ion:202 Resp: 5932

Ion Ratio Lower Upper

202 100

101 16.3 9.8 14.8#

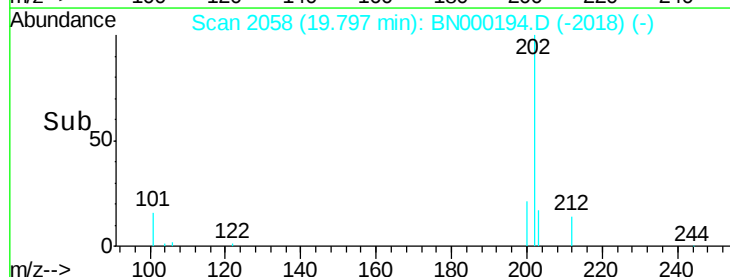
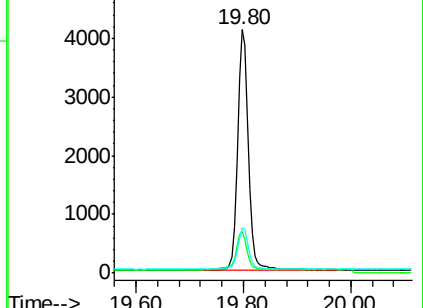
203 17.7 13.7 20.5

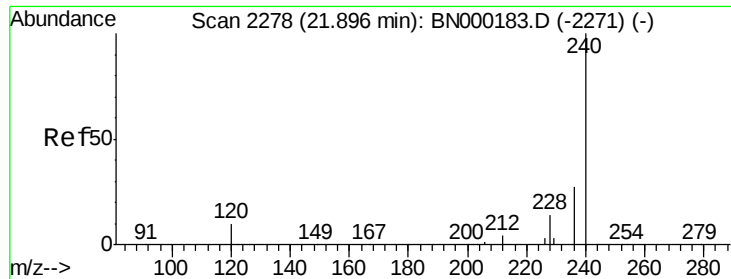


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

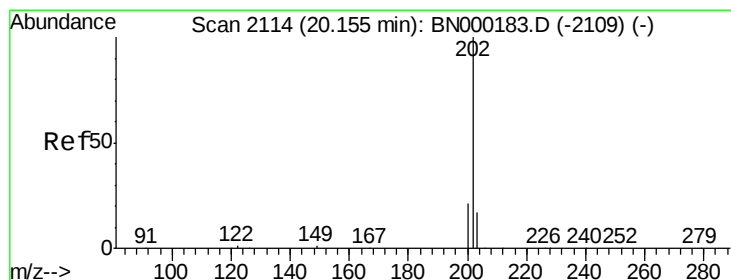
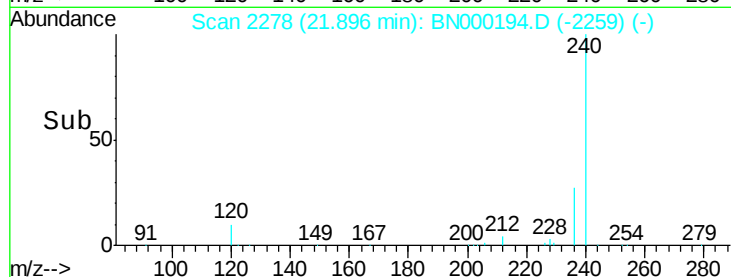
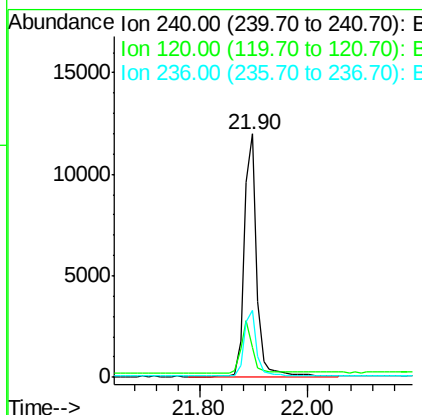
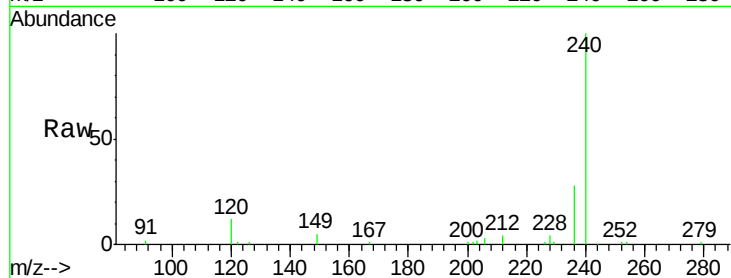




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.90 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BN000194.D
 Acq: 27 Feb 2018 17:04

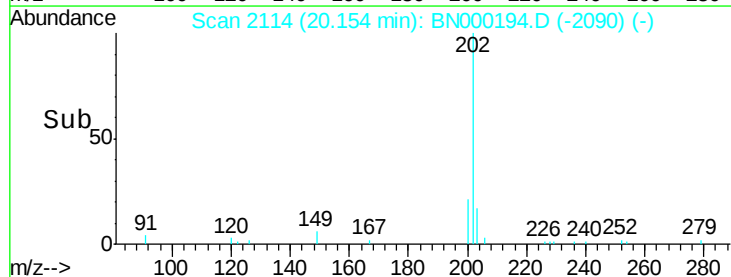
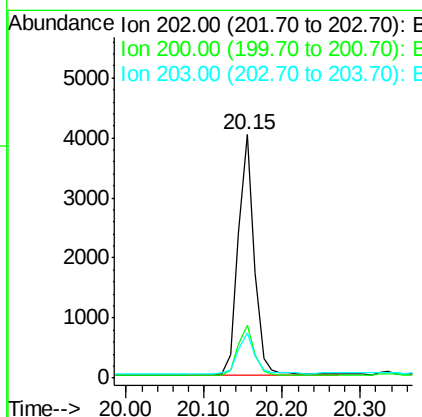
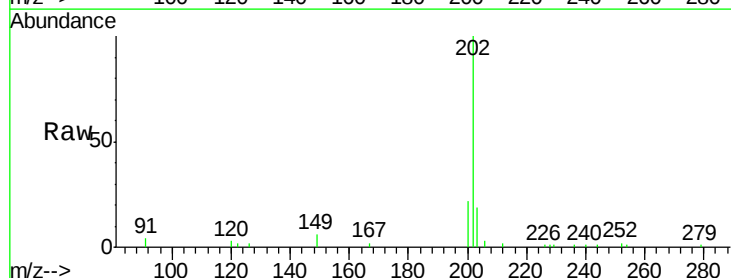
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-02

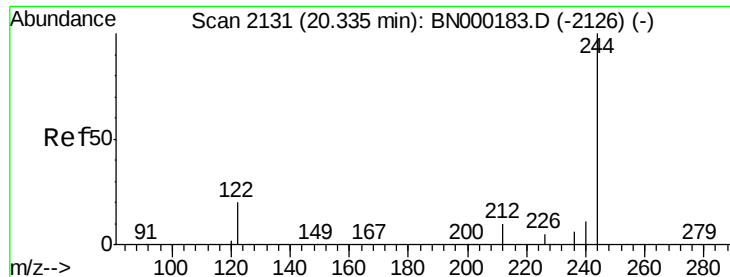
Tgt Ion:240 Resp: 18696
 Ion Ratio Lower Upper
 240 100
 120 12.1 5.5 8.3#
 236 27.6 20.7 31.1



#28
 Pyrene
 Concen: 0.078 ng
 RT: 20.15 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: BN000194.D
 Acq: 27 Feb 2018 17:04

Tgt Ion:202 Resp: 5721
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.6 25.0
 203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 20.34 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

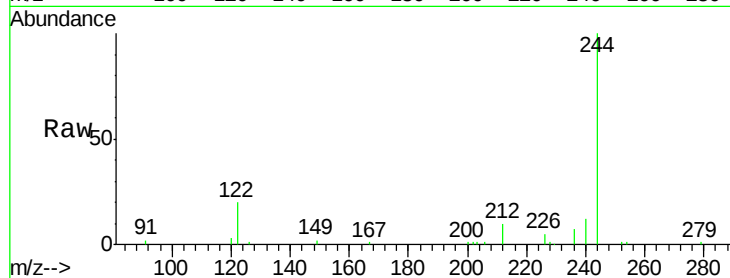
Tgt Ion:244 Resp: 13371

Ion Ratio Lower Upper

244 100

212 10.5 25.4 38.0#

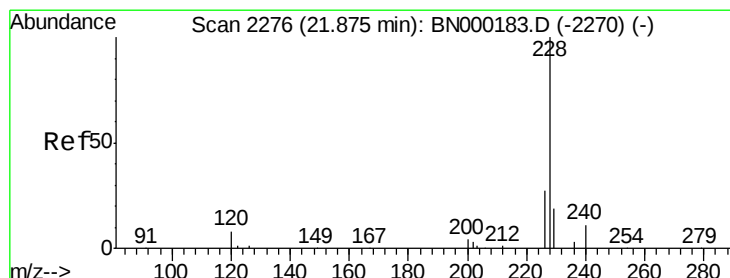
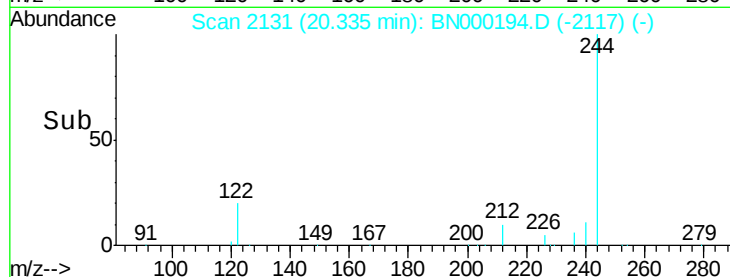
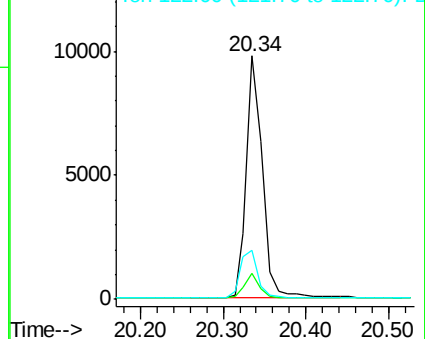
122 20.1 8.1 12.1#



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: 0.068 ng

RT: 21.87 min Scan# 2276

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

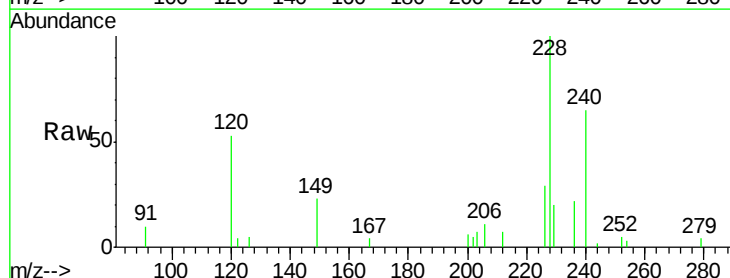
Tgt Ion:228 Resp: 4002

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

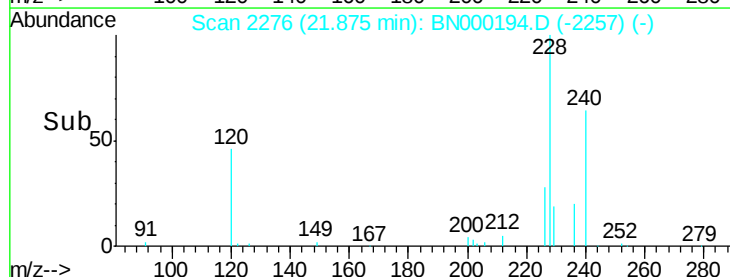
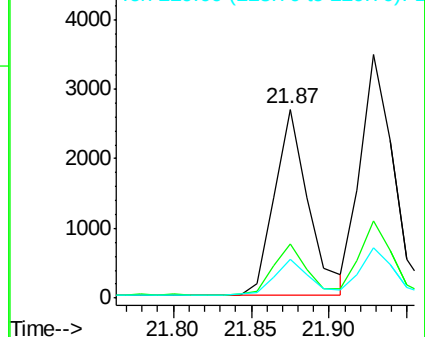
229 20.3 16.0 24.0



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: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

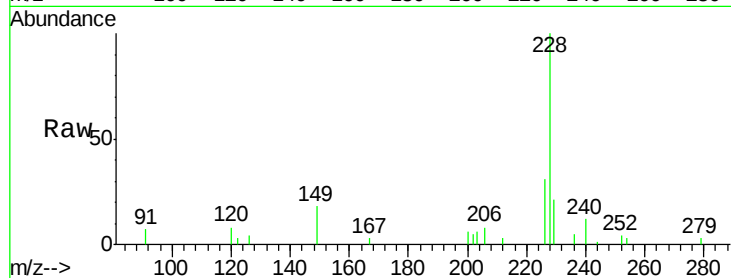
Tgt Ion:228 Resp: 5025

Ion Ratio Lower Upper

228 100

226 31.5 24.0 36.0

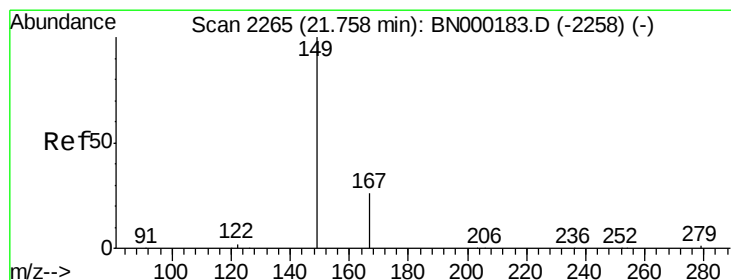
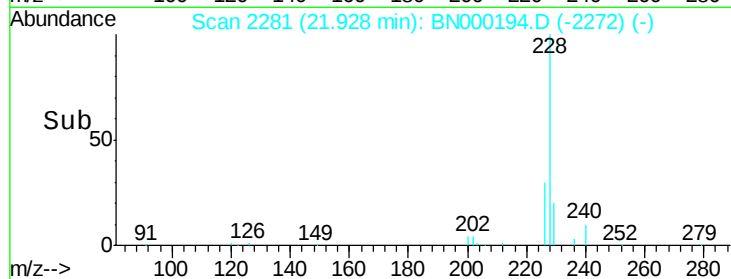
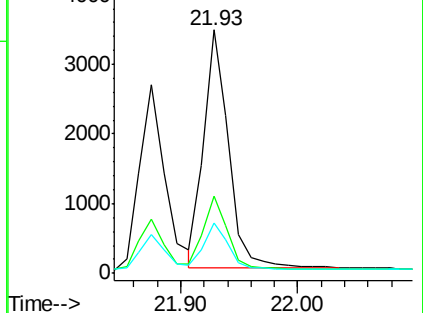
229 20.7 16.0 24.0



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: 0.088 ng

RT: 21.76 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

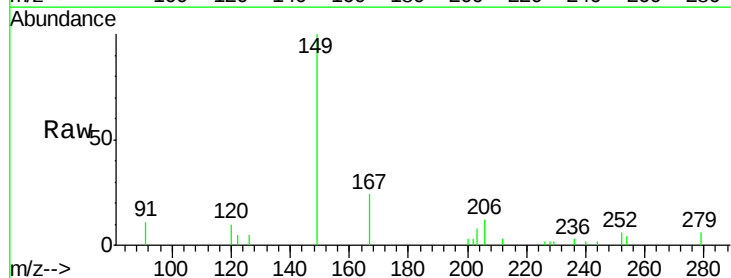
Tgt Ion:149 Resp: 1937

Ion Ratio Lower Upper

149 100

167 25.5 20.0 30.0

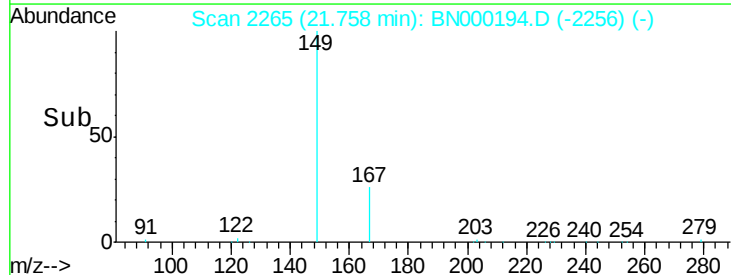
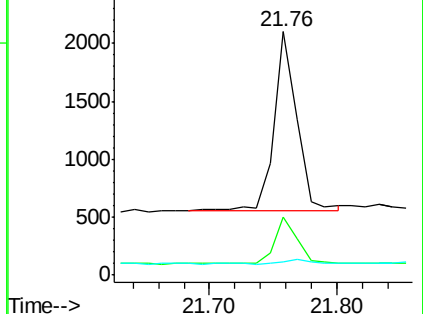
279 3.1 1.6 2.4#



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: 0.062 ng

RT: 26.92 min Scan# 3644

Delta R.T. 0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampled :

MDL-S-02

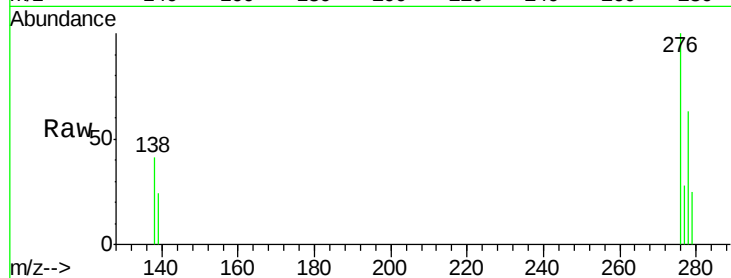
Tgt Ion:276 Resp: 3957

Ion Ratio Lower Upper

276 100

138 15.6 22.5 33.7#

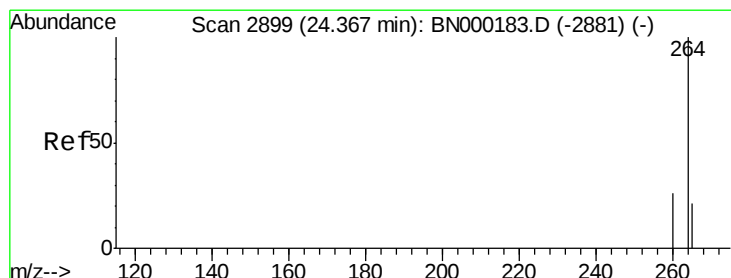
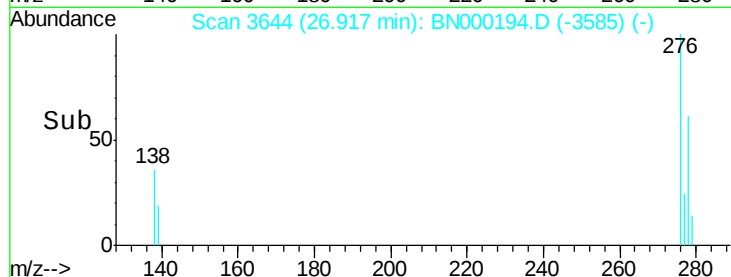
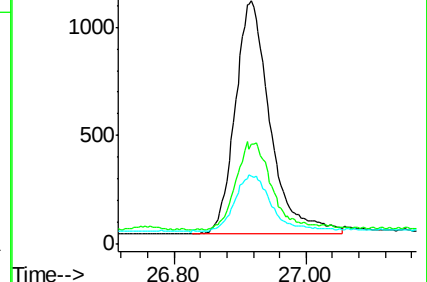
277 25.3 19.9 29.9



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: BN000194.D

Acq: 27 Feb 2018 17:04

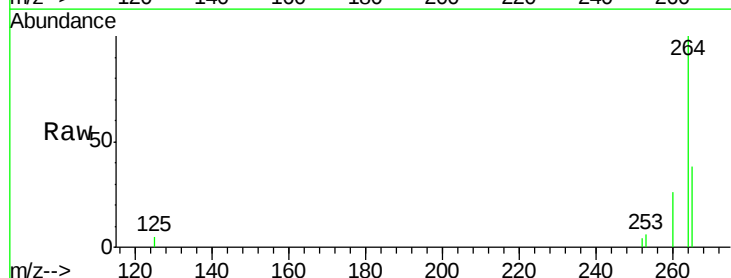
Tgt Ion:264 Resp: 14798

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

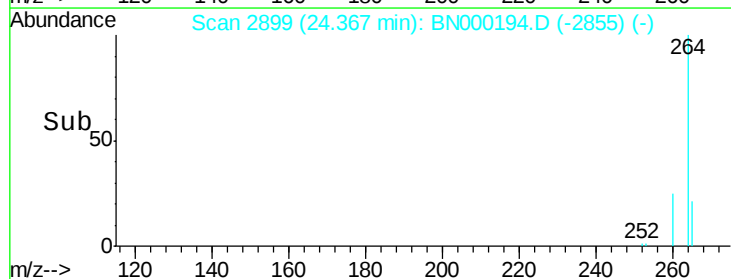
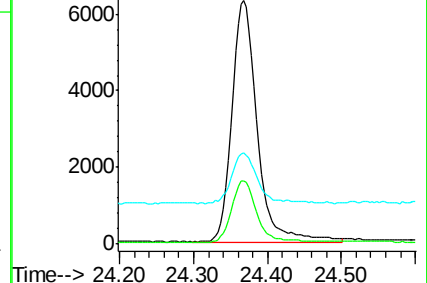
265 37.6 22.8 34.2#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

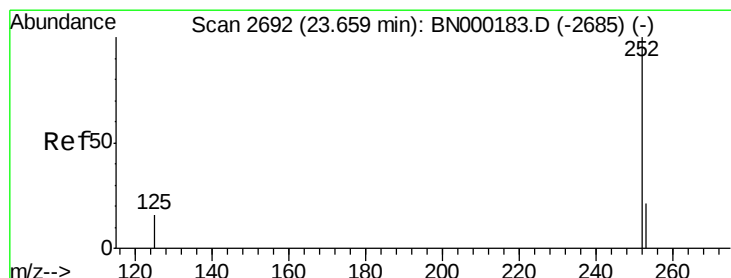
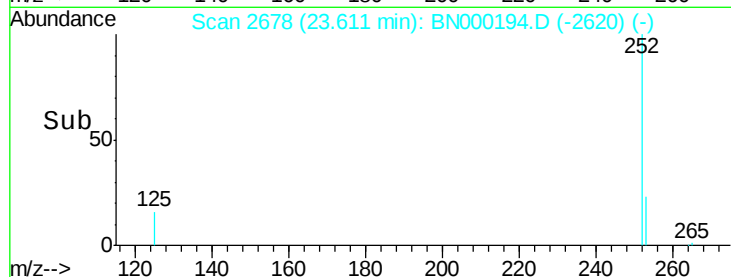
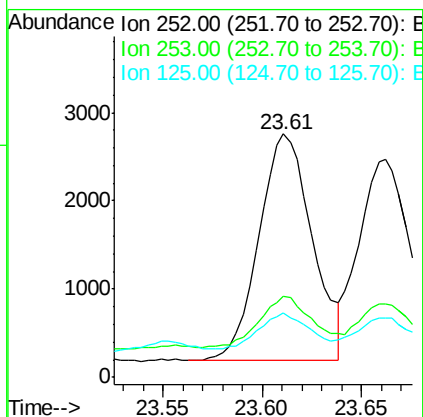
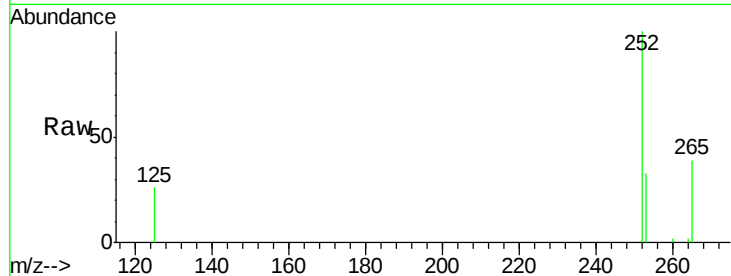




#35
Benzo(b)fluoranthene
Concen: 0.071 ng
RT: 23.61 min Scan# 2678
Delta R.T. -0.00 min
Lab File: BN000194.D
Acq: 27 Feb 2018 17:04

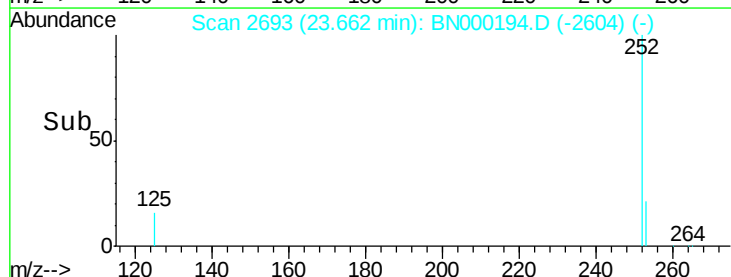
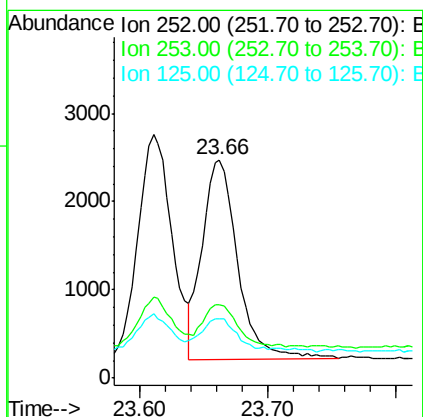
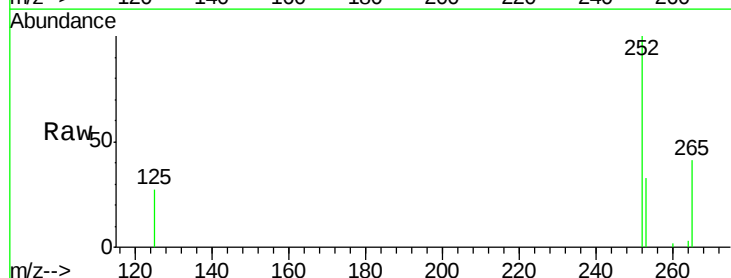
Instrument :
BNA_N
ClientSampleId :
MDL-S-02

Tgt Ion:252 Resp: 4804
Ion Ratio Lower Upper
252 100
253 33.4 20.0 30.0#
125 26.3 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.066 ng
RT: 23.66 min Scan# 2693
Delta R.T. 0.00 min
Lab File: BN000194.D
Acq: 27 Feb 2018 17:04

Tgt Ion:252 Resp: 4356
Ion Ratio Lower Upper
252 100
253 33.5 16.0 24.0#
125 27.3 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.062 ng

RT: 24.26 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02

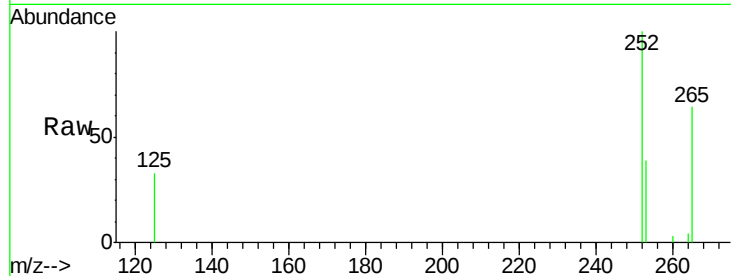
Tgt Ion:252 Resp: 3395

Ion Ratio Lower Upper

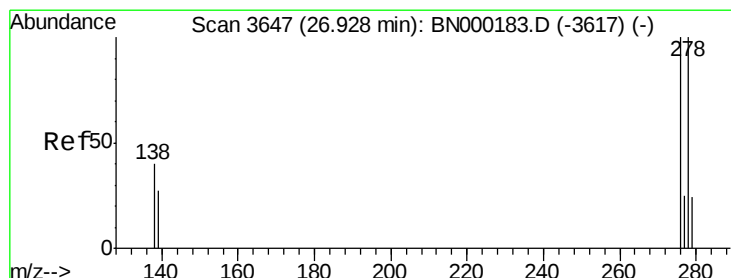
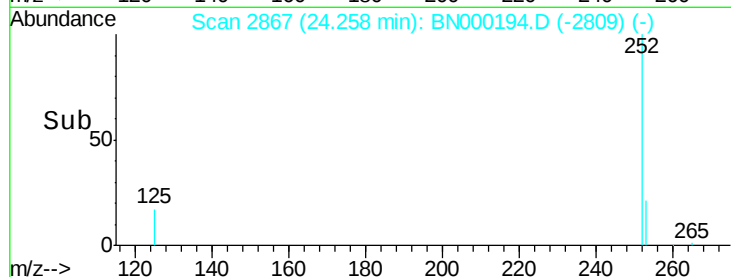
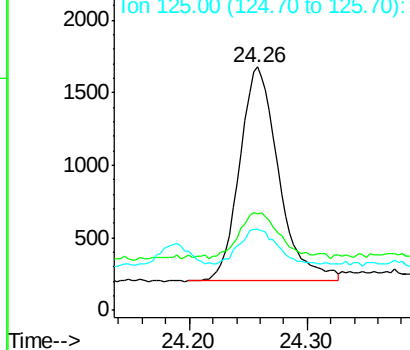
252 100

253 39.4 16.0 24.0#

125 33.1 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: 0.061 ng

RT: 26.93 min Scan# 3649

Delta R.T. 0.01 min

Lab File: BN000194.D

Acq: 27 Feb 2018 17:04

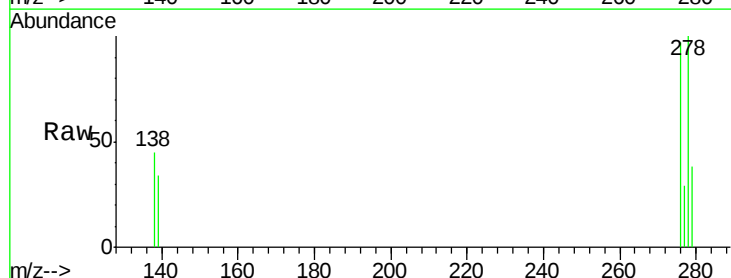
Tgt Ion:278 Resp: 3002

Ion Ratio Lower Upper

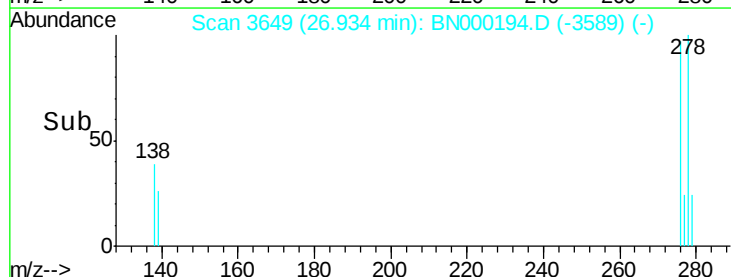
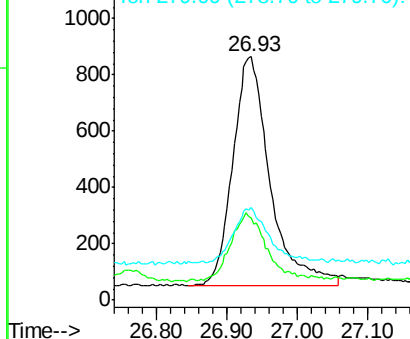
278 100

139 34.0 16.0 24.0#

279 38.3 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: 0.068 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

Lab File: BN000194.D

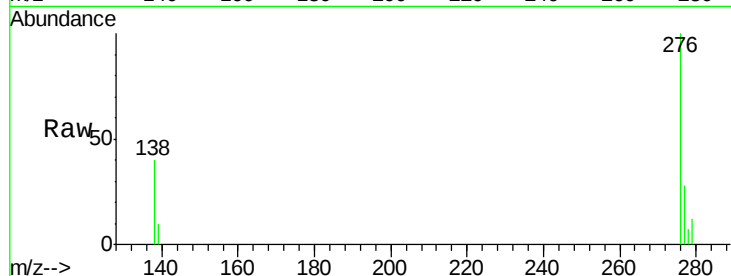
Acq: 27 Feb 2018 17:04

Instrument :

BNA_N

ClientSampleId :

MDL-S-02



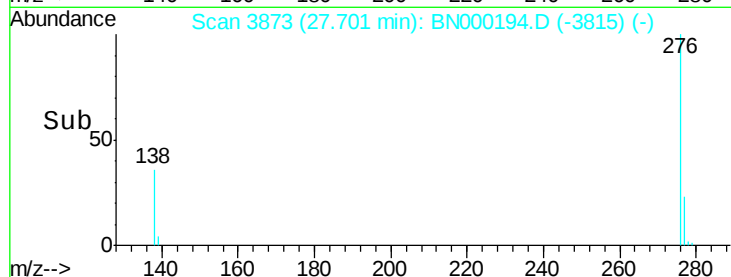
Tgt Ion: 276 Resp: 3961

Ion Ratio Lower Upper

276 100

277 27.6 16.0 24.0#

138 40.3 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

