

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
 Data File : BN000212.D
 Acq On : 01 Mar 2018 11:45
 Operator : JU/SJ
 Sample : MDL-S-06
 Misc : 0.07 ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Quant Time: Mar 01 16:57:38 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	5412	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	21819	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10937	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	26171	0.40	ng	0.00
27) Chrysene-d12	21.89	240	19406	0.40	ng	0.00
34) Perylene-d12	24.37	264	15320	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	4302	0.38	ng	0.00
5) Phenol-d6	7.57	99	5221	0.36	ng	0.00
8) Nitrobenzene-d5	9.62	82	4128	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.85	152	11868	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.54	330	1110	0.32	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	18014	0.35	ng	0.00
25) Fluoranthene-d10	19.77	212	23212	0.33	ng	0.00
29) Terphenyl-d14	20.34	244	13873	0.41	ng	0.00

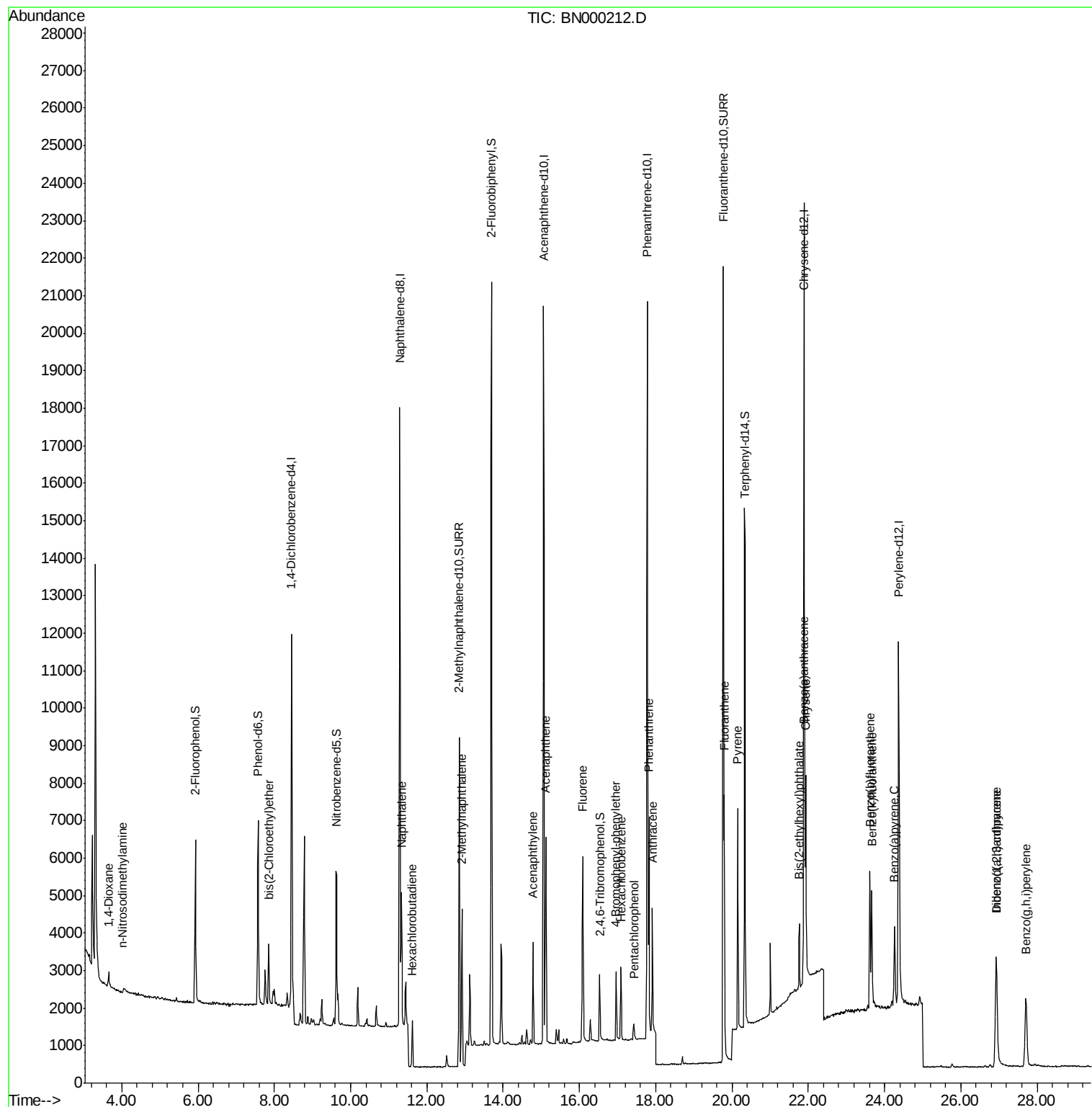
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.66	88	480	0.086	ng	99
3) n-Nitrosodimethylamine	4.01	42	5	0.101	ng	# 92
6) bis(2-Chloroethyl)ether	7.85	93	1373	0.074	ng	99
9) Naphthalene	11.34	128	4661	0.073	ng	# 93
10) Hexachlorobutadiene	11.62	225	772	0.071	ng	99
12) 2-Methylnaphthalene	12.92	142	2916	0.070	ng	97
16) Acenaphthylene	14.79	152	3101	0.060	ng	99
17) Acenaphthene	15.12	154	2740	0.067	ng	95
18) Fluorene	16.09	166	3424	0.068	ng	# 80
20) 4-Bromophenyl-phenylether	16.96	248	929	0.062	ng	# 69
21) Hexachlorobenzene	17.09	284	1346	0.067	ng	96
22) Pentachlorophenol	17.43	266	265	0.137	ng	# 86
23) Phenanthrene	17.82	178	6085	0.066	ng	96
24) Anthracene	17.91	178	3996	0.057	ng	96
26) Fluoranthene	19.80	202	6010	0.063	ng	# 95
28) Pyrene	20.15	202	5883	0.077	ng	100
30) Benzo(a)anthracene	21.87	228	4092	0.067	ng	99
31) Chrysene	21.94	228	5174	0.072	ng	98
32) Bis(2-ethylhexyl)phthalate	21.77	149	1804	0.079	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.92	276	3988	0.060	ng	# 90
35) Benzo(b)fluoranthene	23.62	252	4868	0.070	ng	# 87
36) Benzo(k)fluoranthene	23.66	252	4478	0.065	ng	# 63
37) Benzo(a)pyrene	24.26	252	3458	0.061	ng	# 57
38) Dibenzo(a,h)anthracene	26.94	278	3066	0.060	ng	# 76
39) Benzo(g,h,i)perylene	27.71	276	4098	0.068	ng	# 77

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

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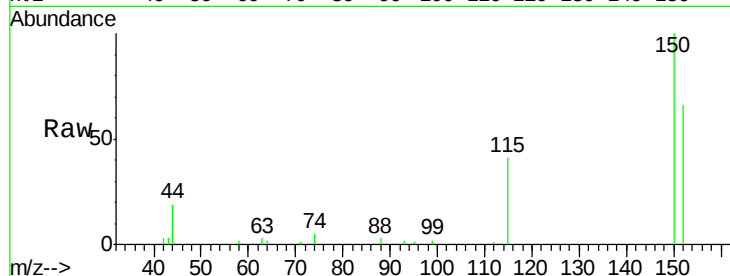


#1

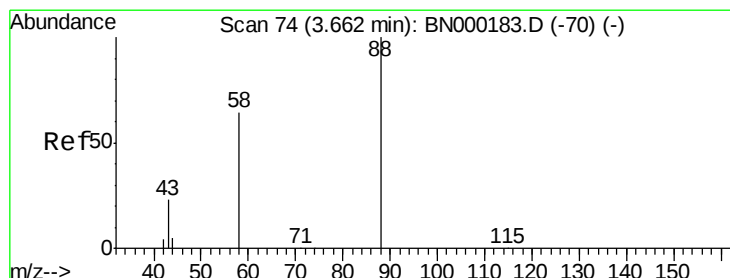
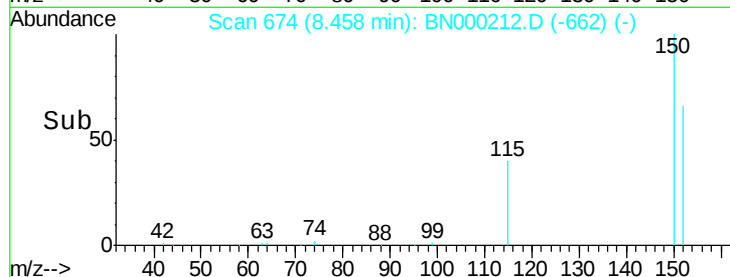
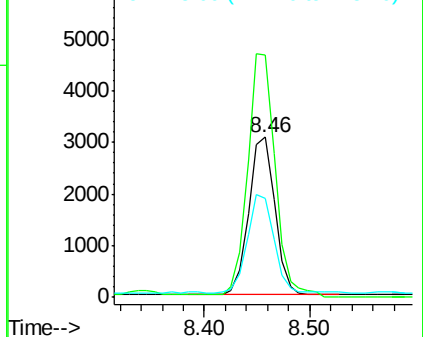
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 674
Delta R.T. -0.00 min
Lab File: BN000212.D
Acq: 01 Mar 2018 11:45

Instrument :
BNA_N
ClientSampleId :
MDL-S-06

Tgt Ion: 152 Resp: 5412
Ion Ratio Lower Upper
152 100
150 151.7 117.2 175.8
115 62.2 57.0 85.6



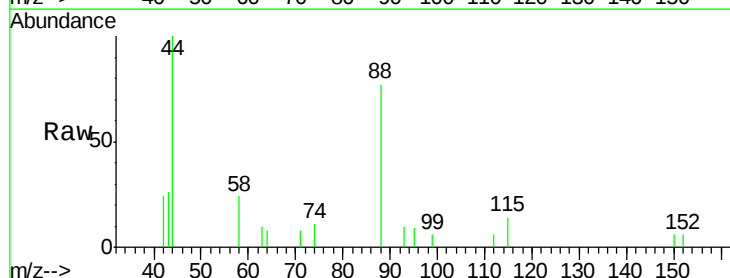
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



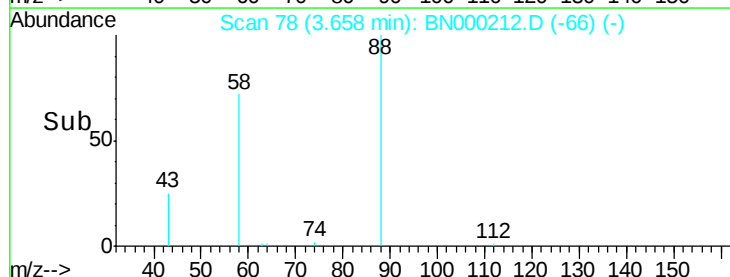
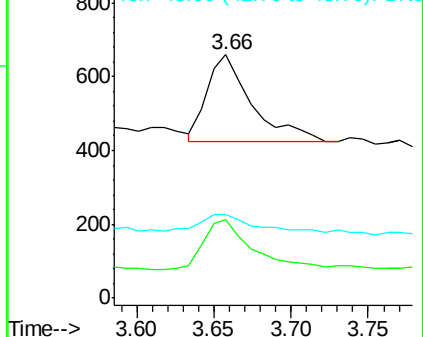
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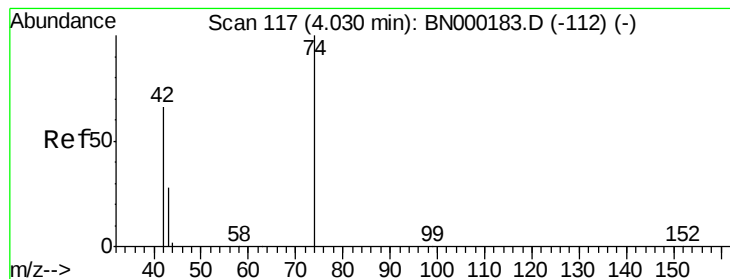
1,4-Dioxane
Concen: 0.086 ng
RT: 3.66 min Scan# 78
Delta R.T. -0.00 min
Lab File: BN000212.D
Acq: 01 Mar 2018 11:45

Tgt Ion: 88 Resp: 480
Ion Ratio Lower Upper
88 100
58 59.4 48.0 72.0
43 24.8 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



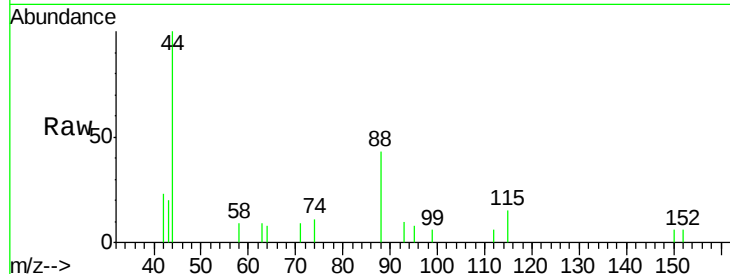


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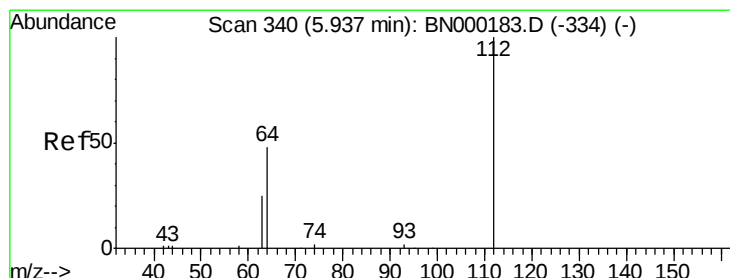
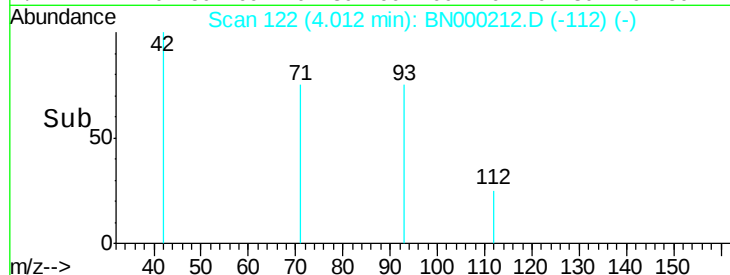
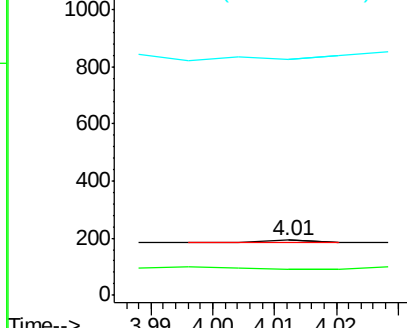
n-Nitrosodimethylamine
 Concen: 0.101 ng
 RT: 4.01 min Scan# 122
 Delta R.T. -0.02 min
 Lab File: BN000212.D
 Acq: 01 Mar 2018 11:45

Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Tgt Ion: 42 Resp: 5
 Ion Ratio Lower Upper
 42 100
 74 160.0 120.0 180.0
 44 0.0 4.0 6.0#



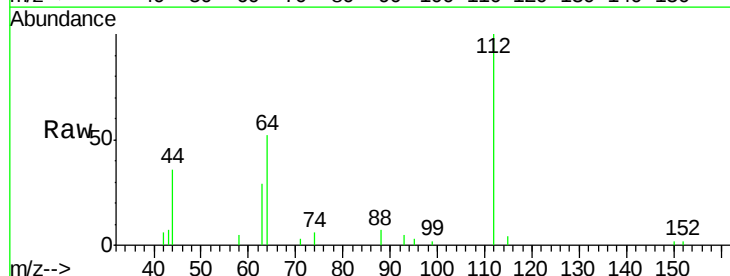
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



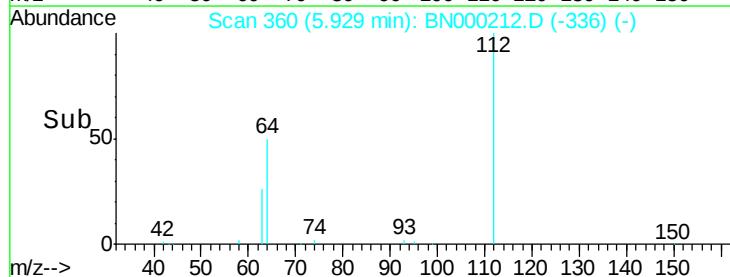
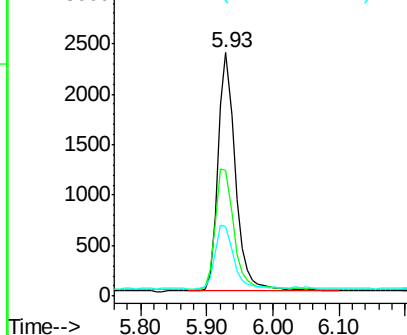
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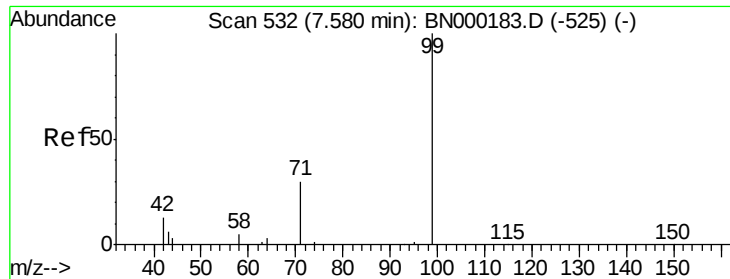
2-Fluorophenol
 Concen: 0.376 ng
 RT: 5.93 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: BN000212.D
 Acq: 01 Mar 2018 11:45

Tgt Ion: 112 Resp: 4302
 Ion Ratio Lower Upper
 112 100
 64 54.1 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: 0.360 ng

RT: 7.57 min Scan# 564

Delta R.T. -0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

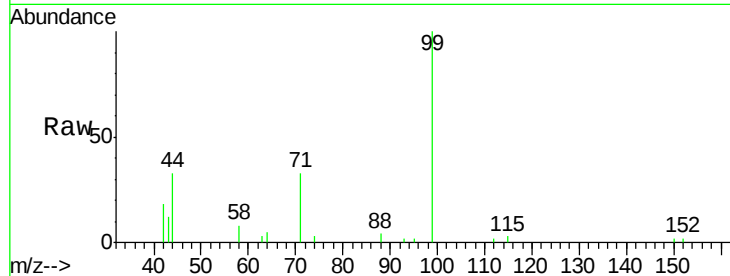
Tgt Ion: 99 Resp: 5221

Ion Ratio Lower Upper

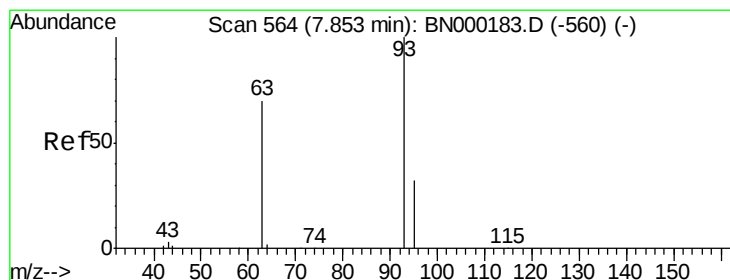
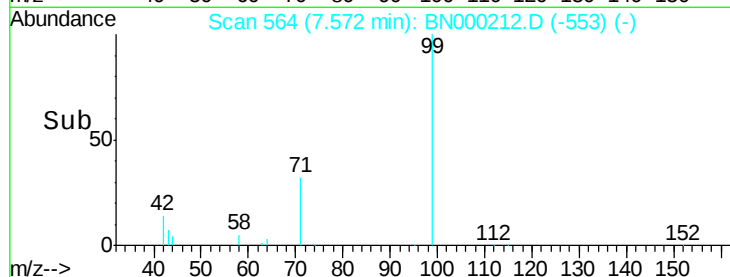
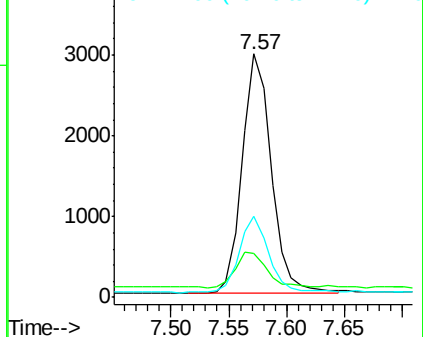
99 100

42 16.3 20.2 30.2#

71 31.9 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: 0.074 ng

RT: 7.85 min Scan# 599

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

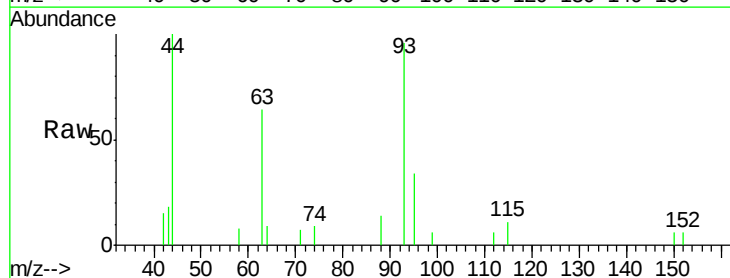
Tgt Ion: 93 Resp: 1373

Ion Ratio Lower Upper

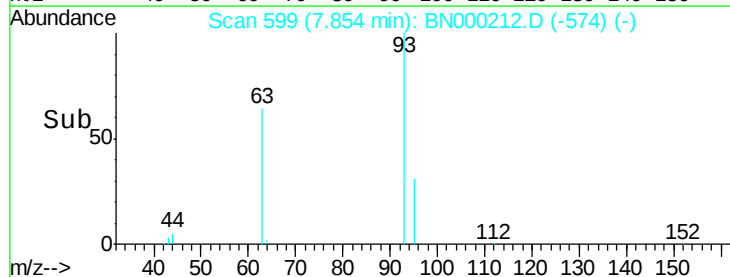
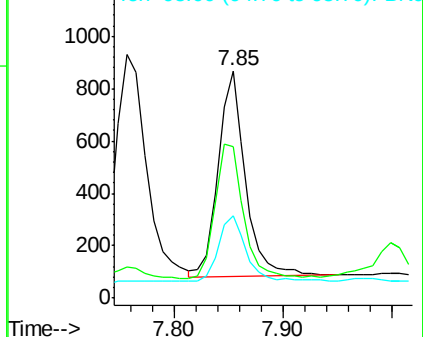
93 100

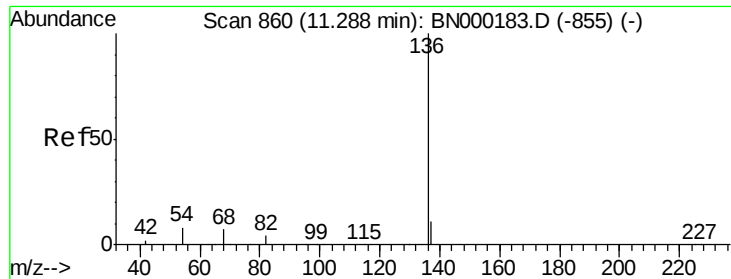
63 69.3 56.0 84.0

95 32.5 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# 900

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

Tgt Ion:136 Resp: 21819

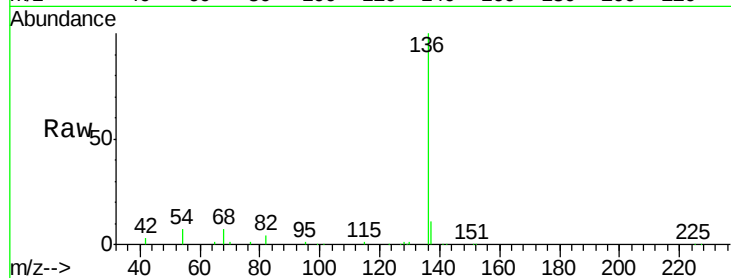
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 6.9 29.1 43.7#

68 6.6 6.2 9.2

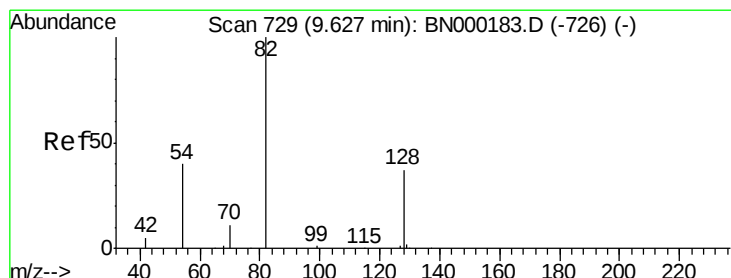
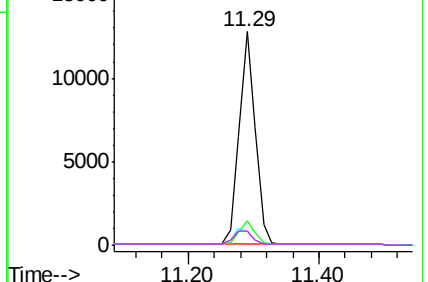
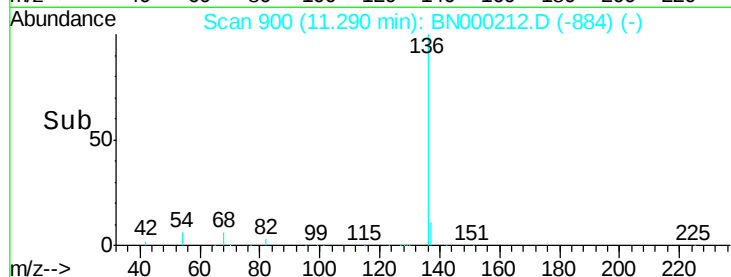


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.319 ng

RT: 9.62 min Scan# 768

Delta R.T. -0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

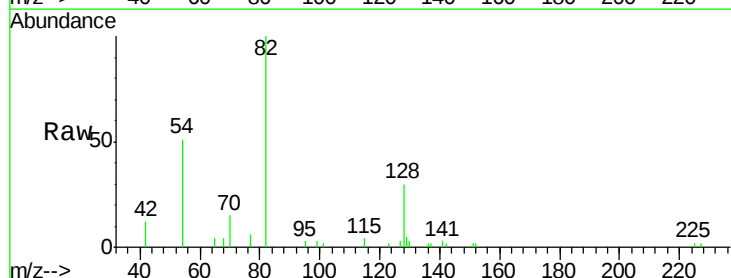
Tgt Ion: 82 Resp: 4128

Ion Ratio Lower Upper

82 100

128 29.6 150.0 225.0#

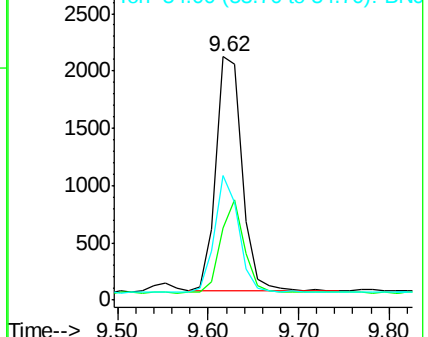
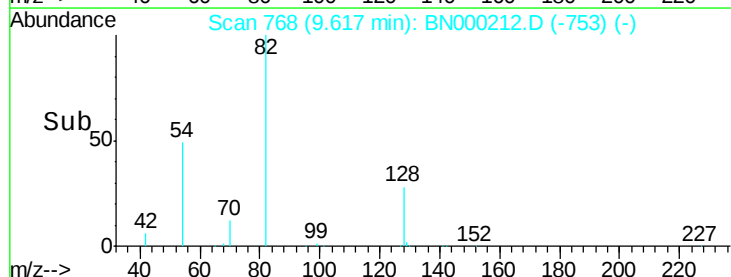
54 51.2 154.2 231.4#

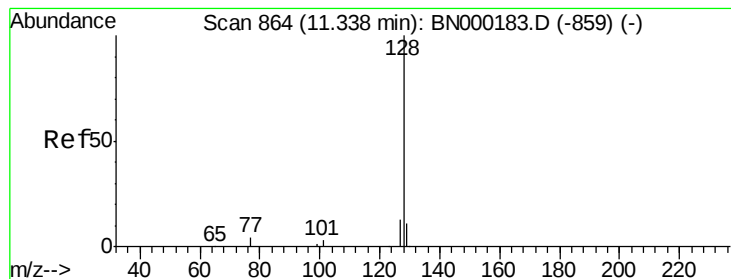


Abundance Ion 82.00 (81.70 to 82.70): BNC

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# 904

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

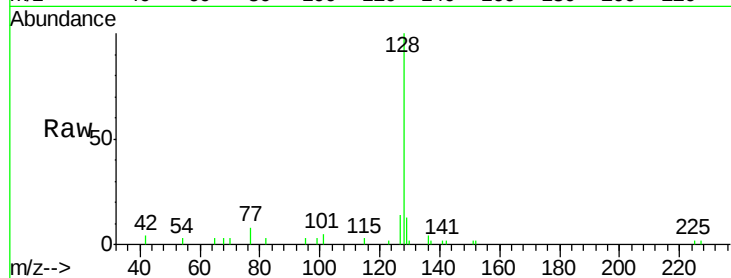
Tgt Ion:128 Resp: 4661

Ion Ratio Lower Upper

128 100

129 13.2 8.0 12.0#

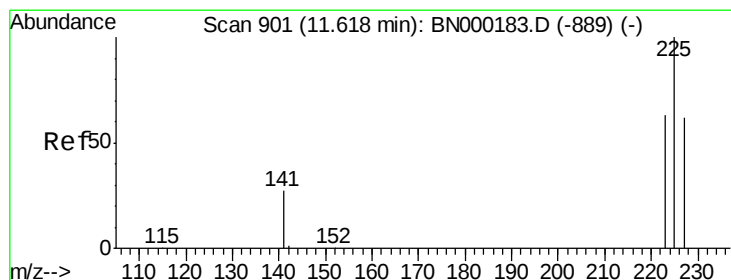
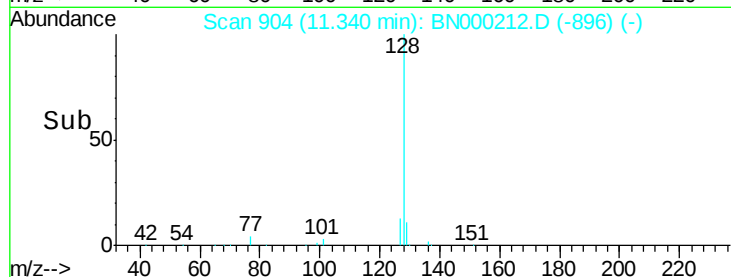
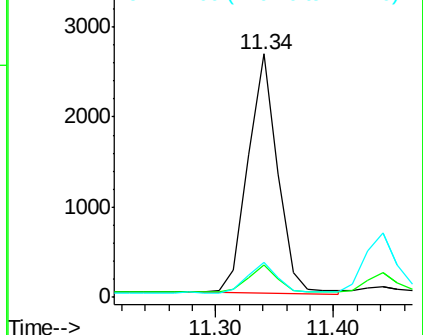
127 14.3 9.6 14.4



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: 0.071 ng

RT: 11.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

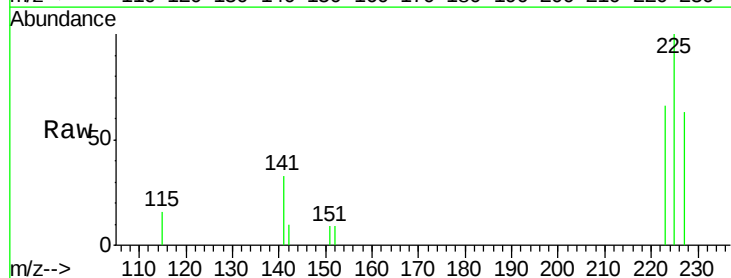
Tgt Ion:225 Resp: 772

Ion Ratio Lower Upper

225 100

223 64.9 53.0 79.6

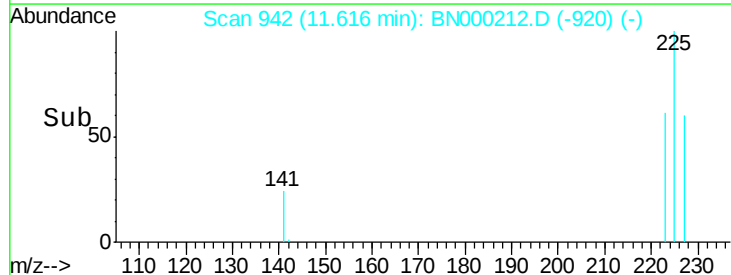
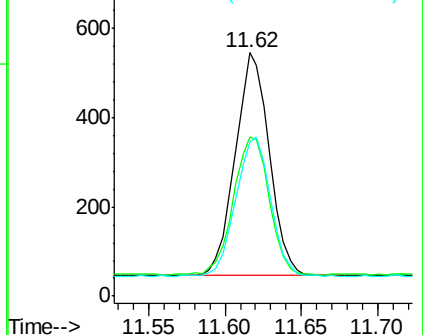
227 63.6 51.4 77.2

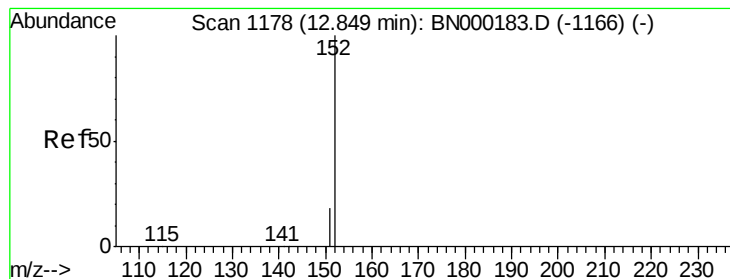


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

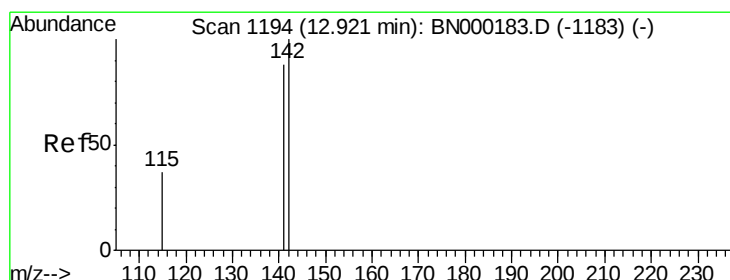
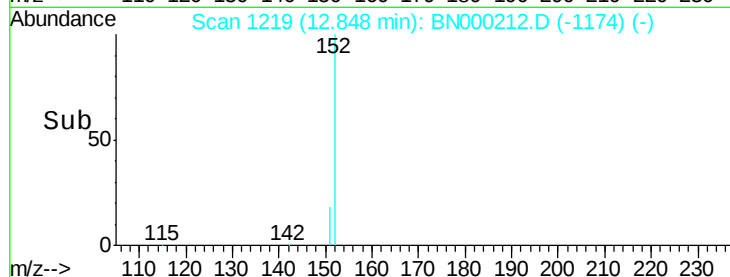
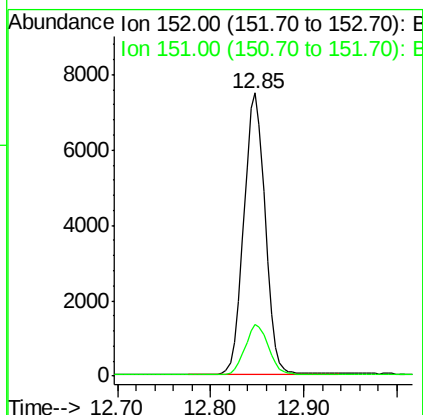
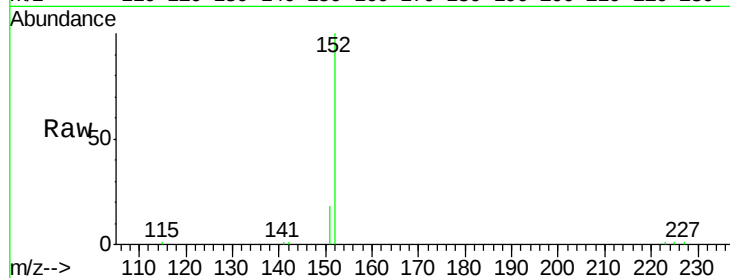




#11
 2-Methylnaphthalene-d10
 Concen: 0.361 ng
 RT: 12.85 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BN000212.D
 Acq: 01 Mar 2018 11:45

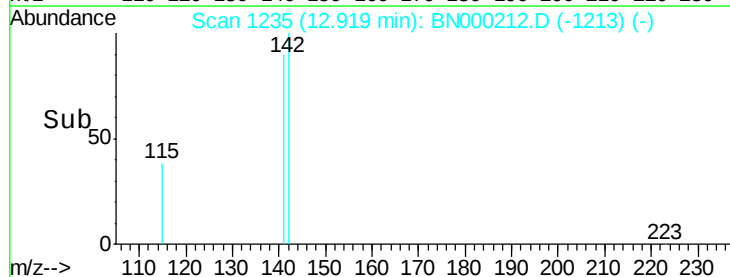
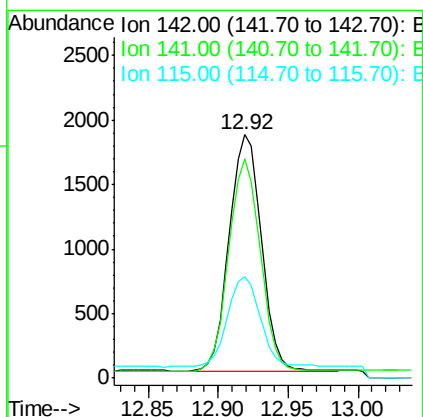
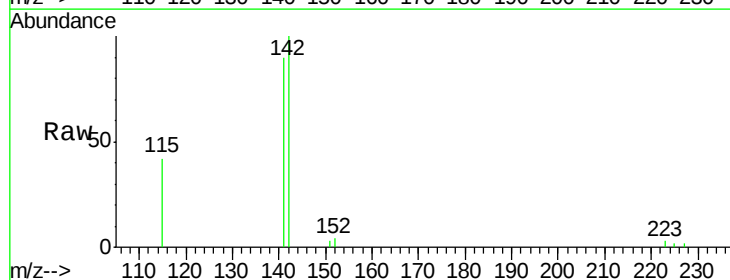
Instrument :
 BNA_N
 ClientSampleId :
 MDL-S-06

Tgt Ion:152 Resp: 11868
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.070 ng
 RT: 12.92 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BN000212.D
 Acq: 01 Mar 2018 11:45

Tgt Ion:142 Resp: 2916
 Ion Ratio Lower Upper
 142 100
 141 90.0 70.4 105.6
 115 41.8 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

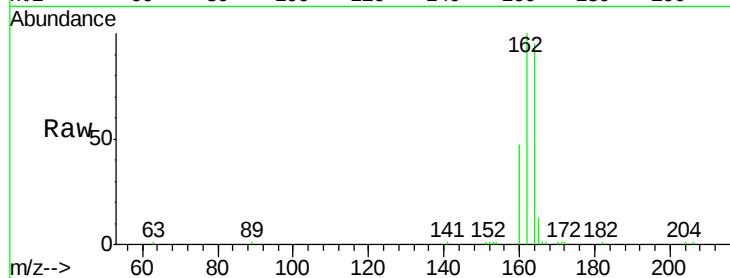
Tgt Ion:164 Resp: 10937

Ion Ratio Lower Upper

164 100

162 104.7 83.1 124.7

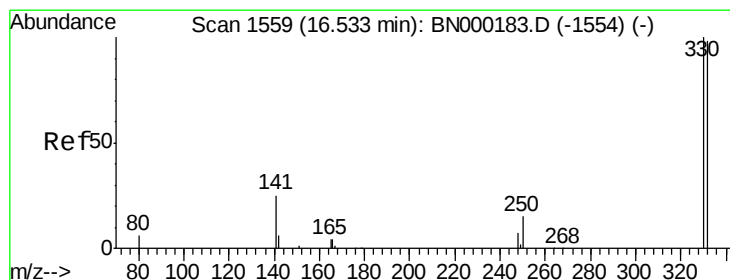
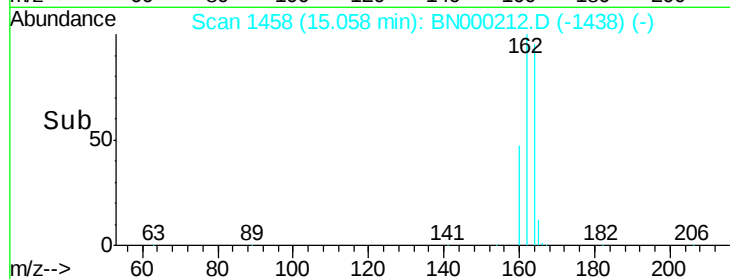
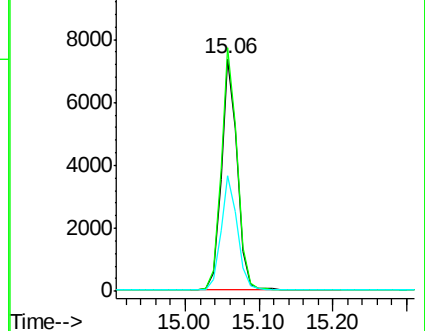
160 49.7 37.1 55.7



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: 16.54 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

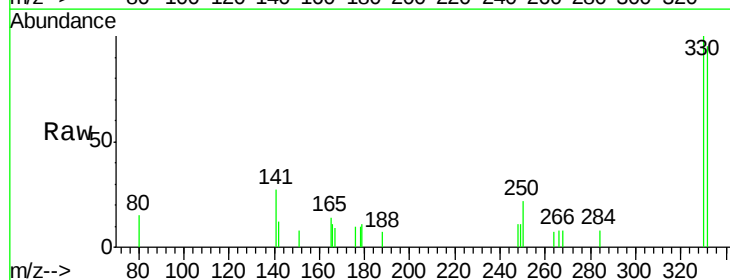
Tgt Ion:330 Resp: 1110

Ion Ratio Lower Upper

330 100

332 95.1 152.7 229.1#

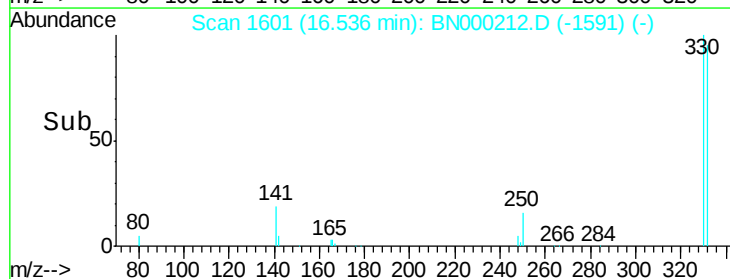
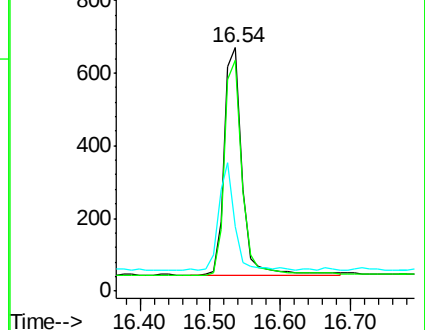
141 42.2 33.7 50.5

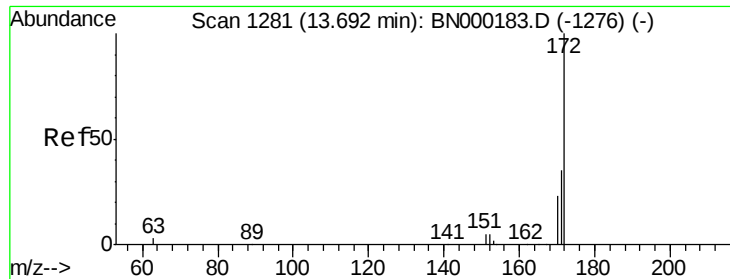


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

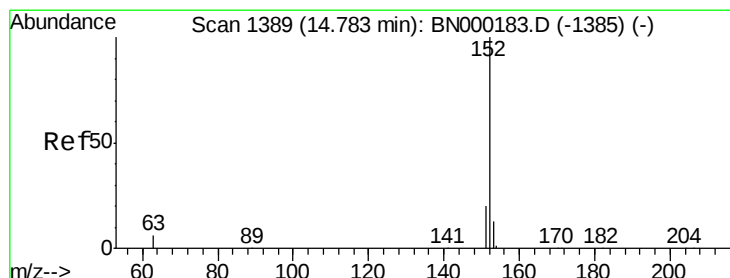
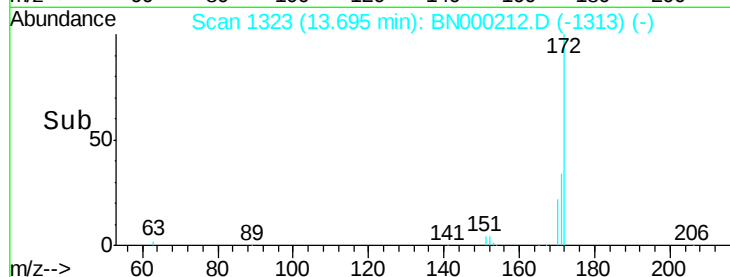
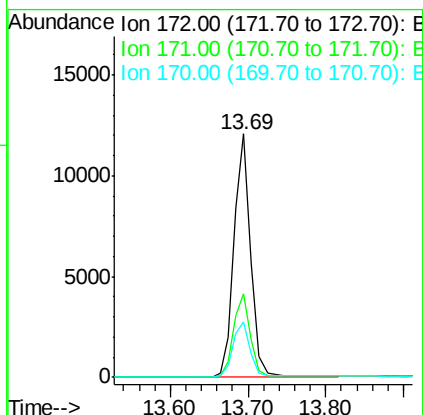
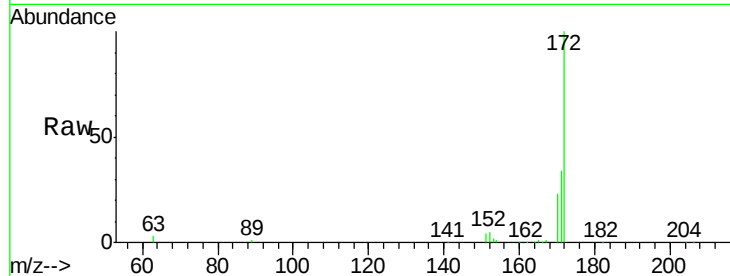




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 13.69 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN000212.D
Acq: 01 Mar 2018 11:45

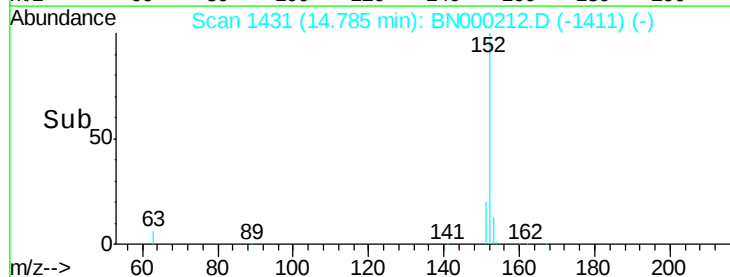
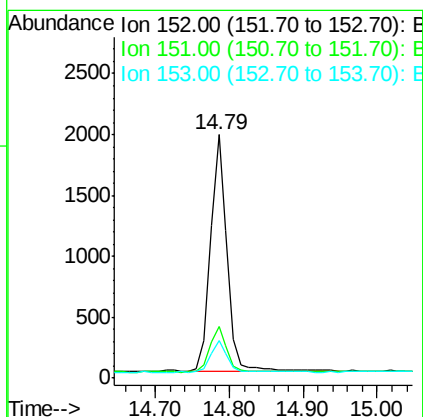
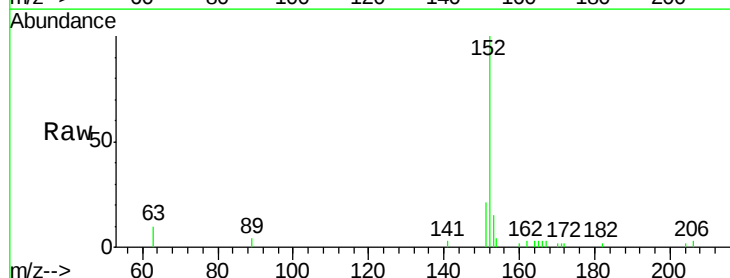
Instrument :
BNA_N
ClientSampleId :
MDL-S-06

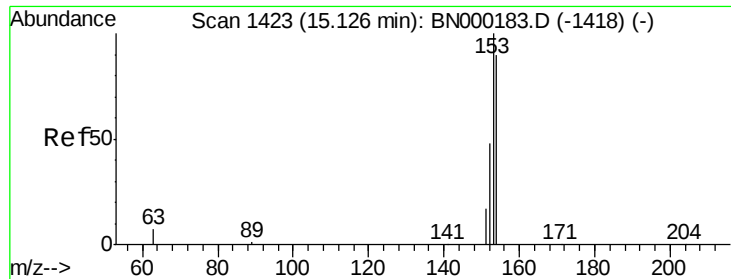
Tgt Ion:172 Resp: 18014
Ion Ratio Lower Upper
172 100
171 34.5 29.9 44.9
170 22.7 21.8 32.8



#16
Acenaphthylene
Concen: 0.060 ng
RT: 14.79 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN000212.D
Acq: 01 Mar 2018 11:45

Tgt Ion:152 Resp: 3101
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.067 ng

RT: 15.12 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampled :

MDL-S-06

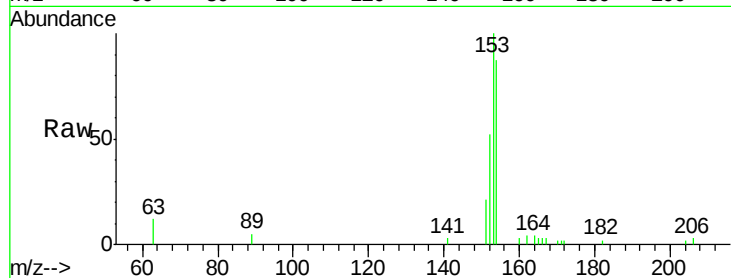
Tgt Ion:154 Resp: 2740

Ion Ratio Lower Upper

154 100

153 115.8 89.2 133.8

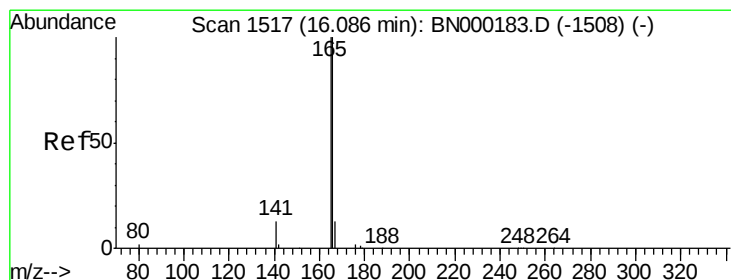
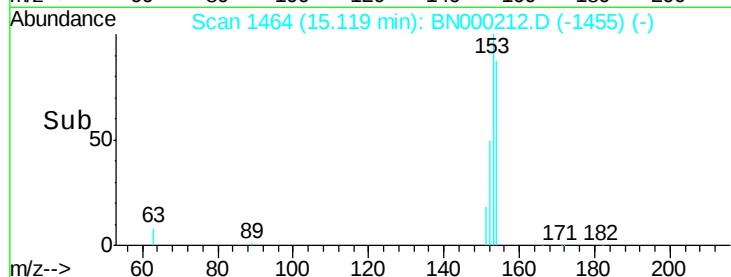
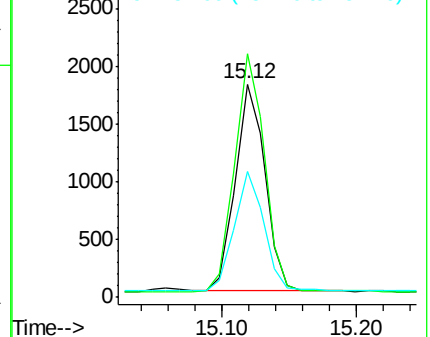
152 58.5 42.0 63.0



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: 0.068 ng

RT: 16.09 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

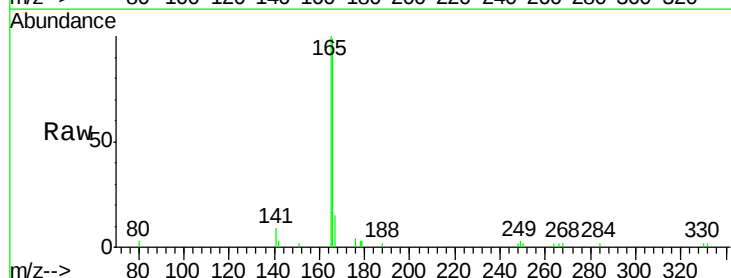
Tgt Ion:166 Resp: 3424

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.6

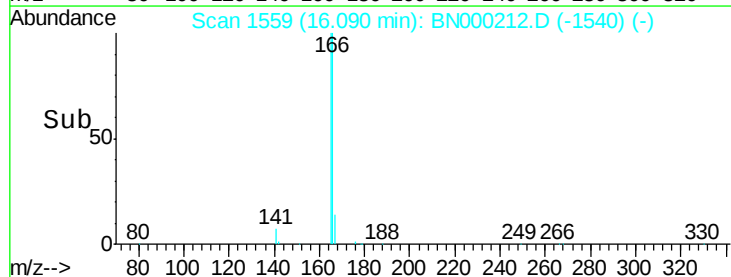
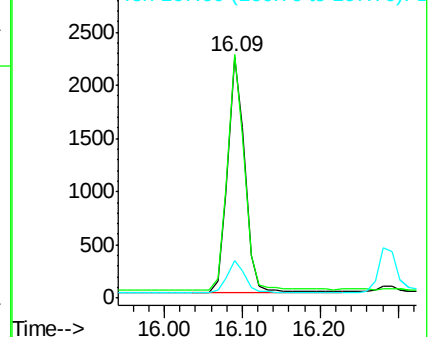
167 14.2 42.4 63.6#

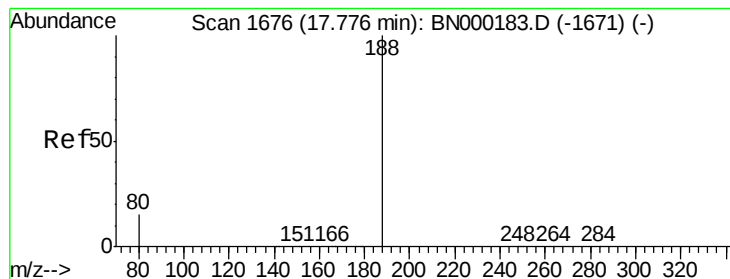


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1718

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

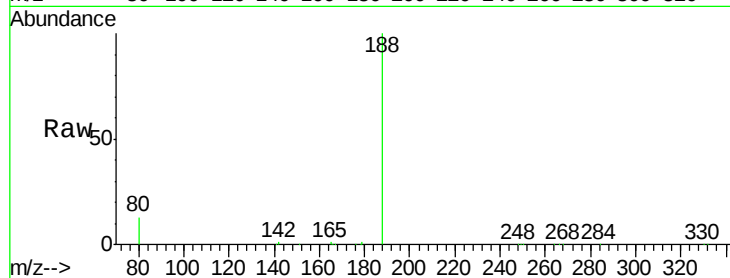
Tgt Ion:188 Resp: 26171

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

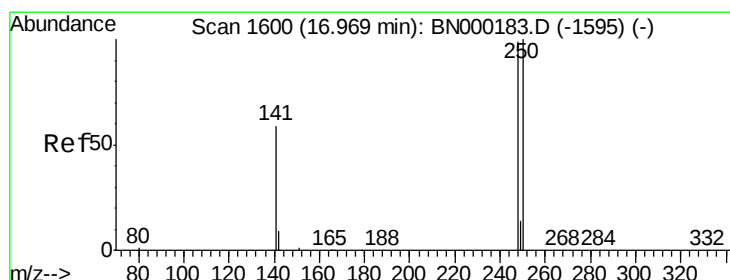
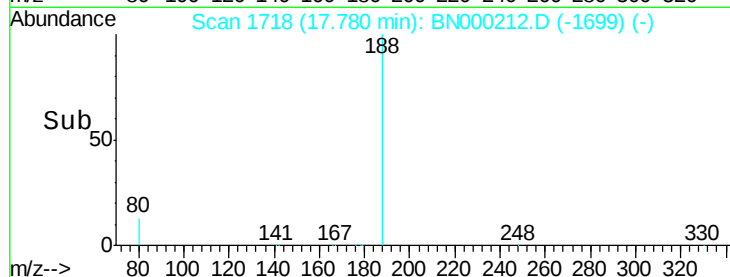
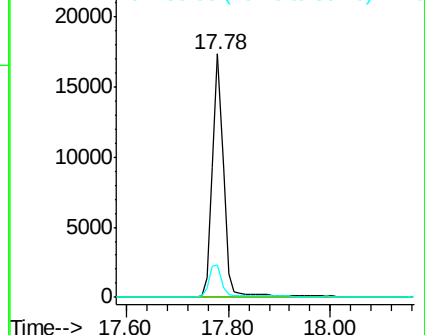
80 13.3 3.6 5.4#



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: 16.96 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

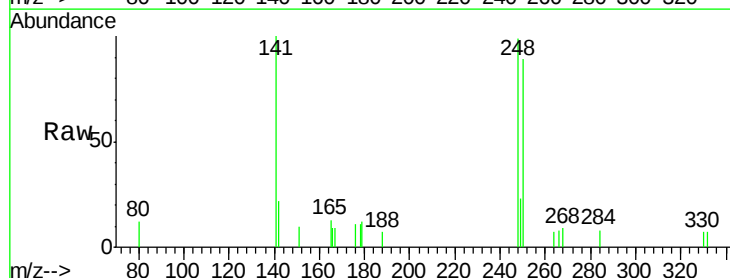
Tgt Ion:248 Resp: 929

Ion Ratio Lower Upper

248 100

250 90.5 62.7 94.1

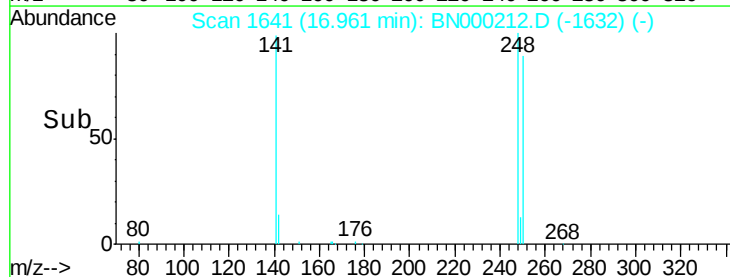
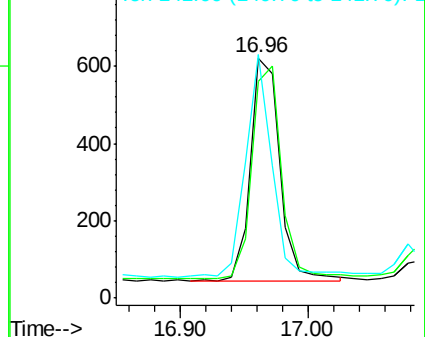
141 101.4 48.2 72.2#

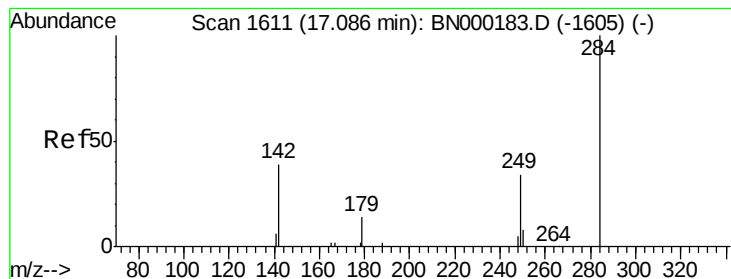


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.067 ng

RT: 17.09 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

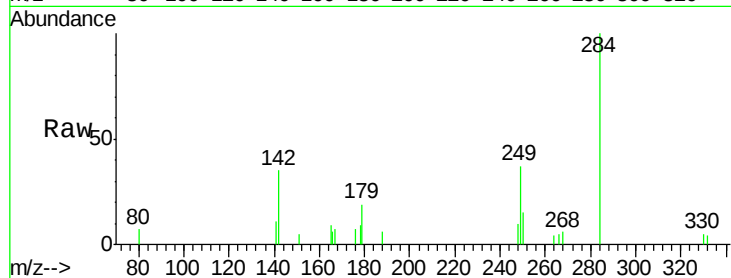
Tgt Ion:284 Resp: 1346

Ion Ratio Lower Upper

284 100

142 42.9 32.0 48.0

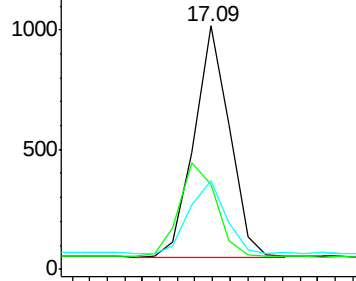
249 32.3 24.0 36.0



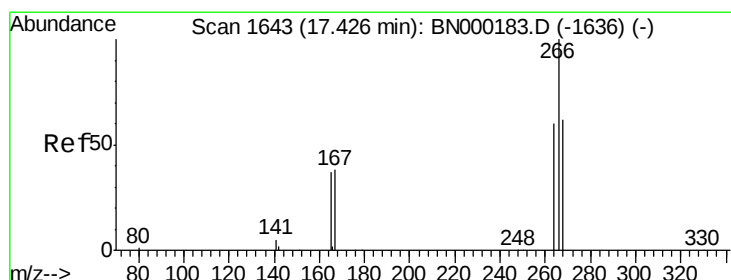
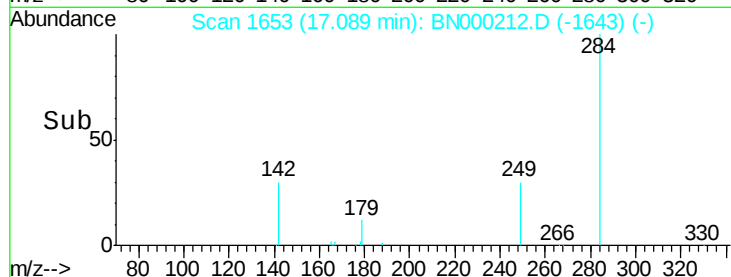
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#22

Pentachlorophenol

Concen: 0.137 ng

RT: 17.43 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

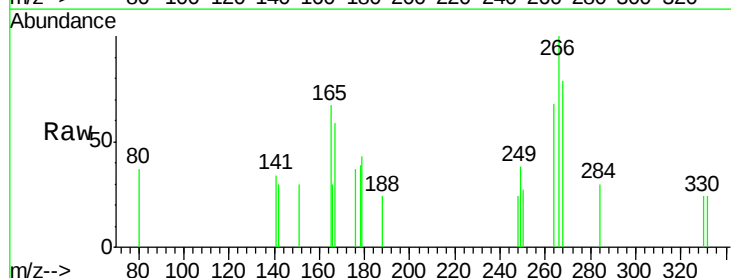
Tgt Ion:266 Resp: 265

Ion Ratio Lower Upper

266 100

264 67.6 48.0 72.0

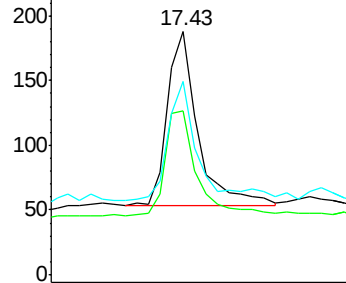
268 79.3 52.0 78.0#



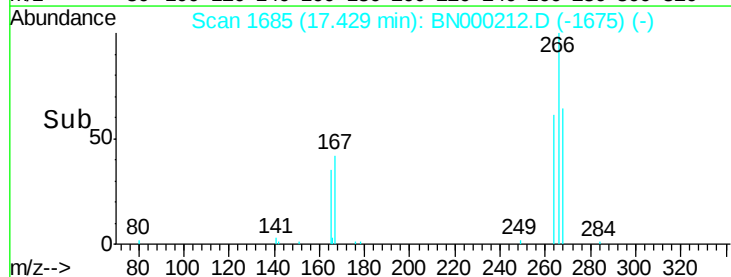
Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





#23

Phenanthrene

Concen: 0.066 ng

RT: 17.82 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

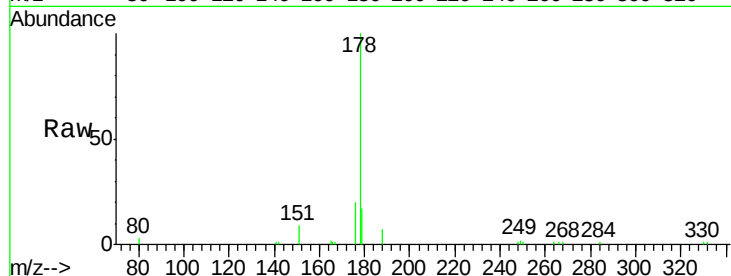
Tgt Ion:178 Resp: 6085

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

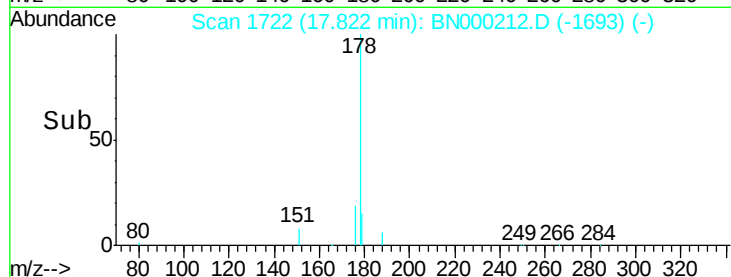
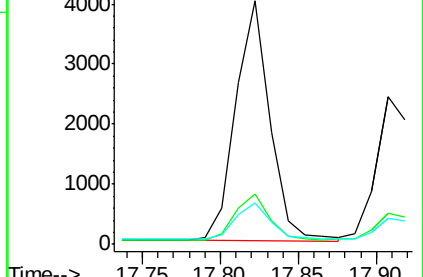
179 16.8 11.8 17.6



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# 1730

Delta R.T. -0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

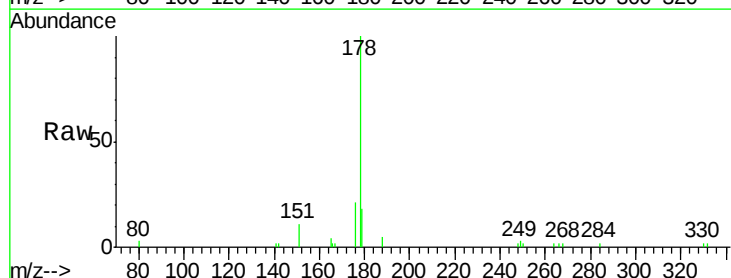
Tgt Ion:178 Resp: 3996

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

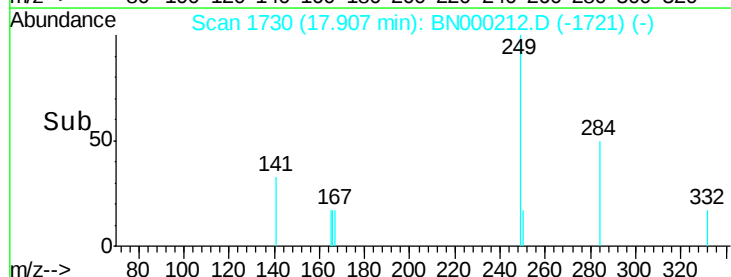
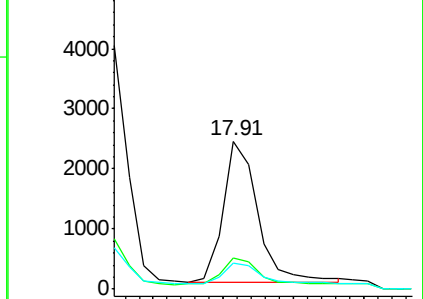
179 15.7 13.0 19.6

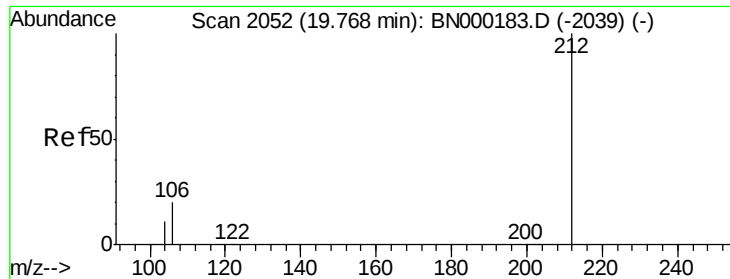


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.332 ng

RT: 19.77 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

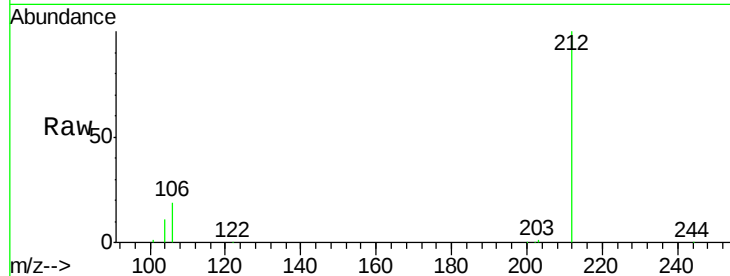
Tgt Ion:212 Resp: 23212

Ion Ratio Lower Upper

212 100

106 19.1 2.8 4.2#

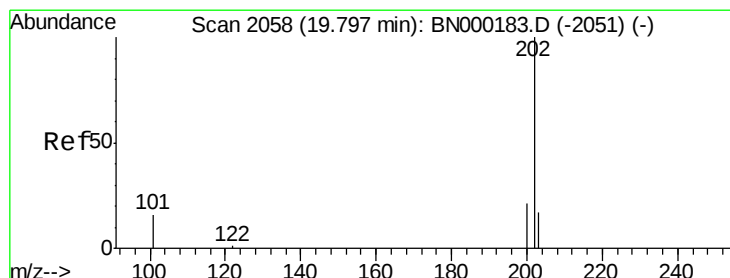
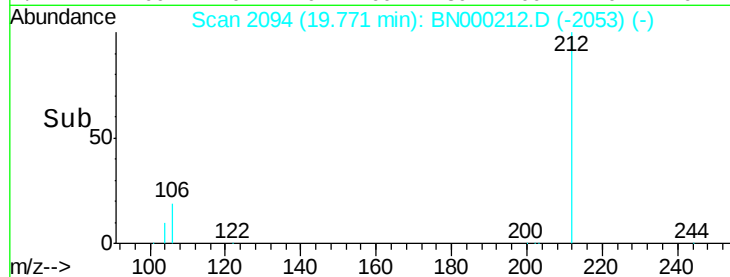
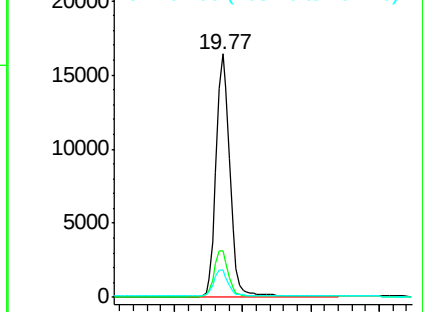
104 10.8 1.6 2.4#



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: 0.063 ng

RT: 19.80 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

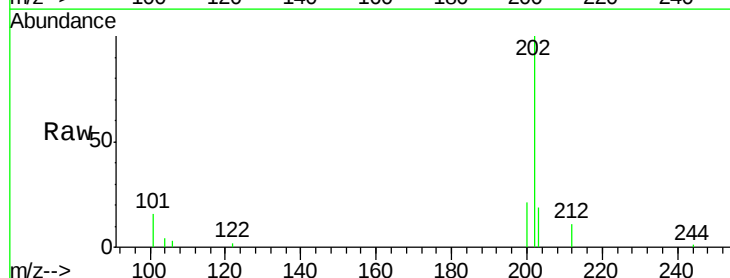
Tgt Ion:202 Resp: 6010

Ion Ratio Lower Upper

202 100

101 16.4 9.8 14.8#

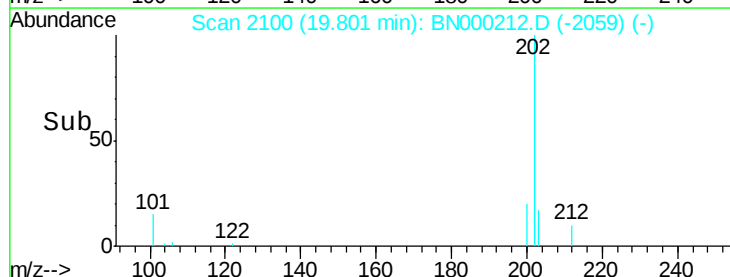
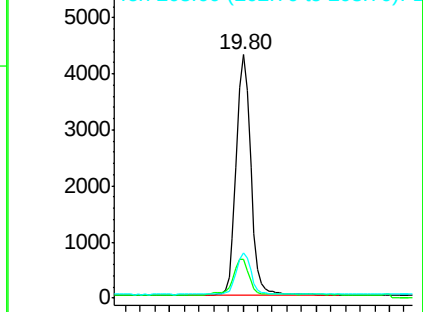
203 17.9 13.7 20.5

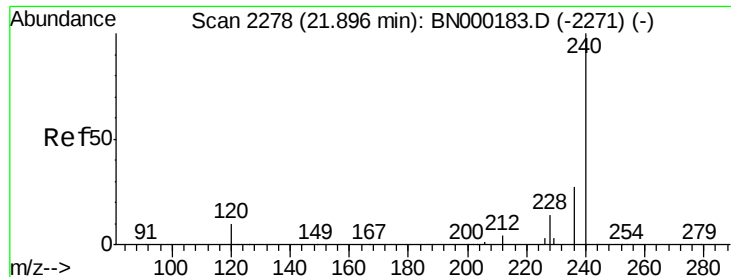


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.89 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

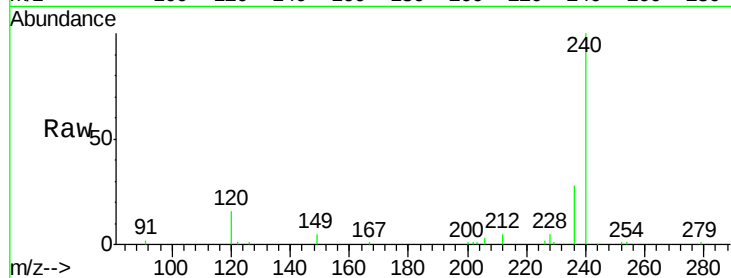
Tgt Ion:240 Resp: 19406

Ion Ratio Lower Upper

240 100

120 16.2 5.5 8.3#

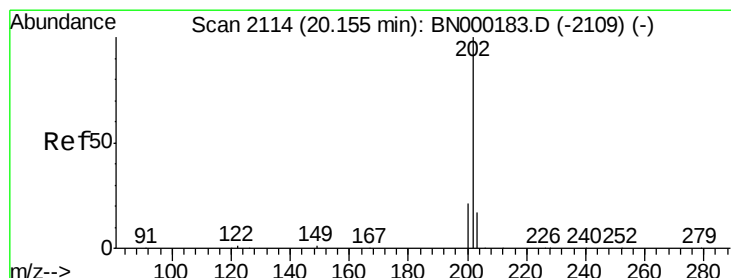
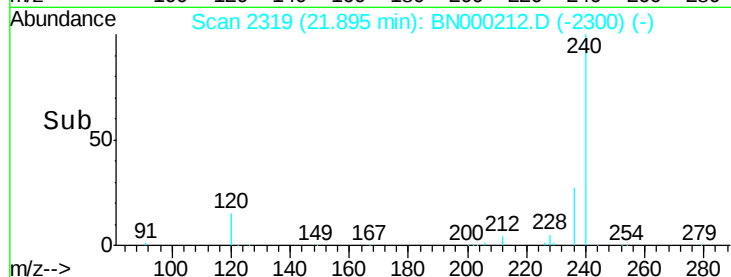
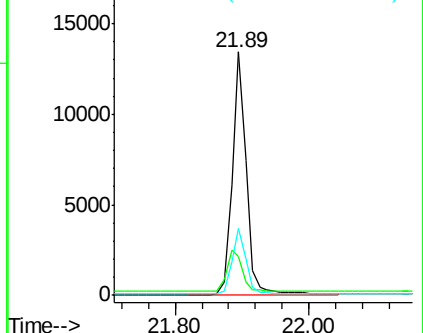
236 27.6 20.7 31.1



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: 0.077 ng

RT: 20.15 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

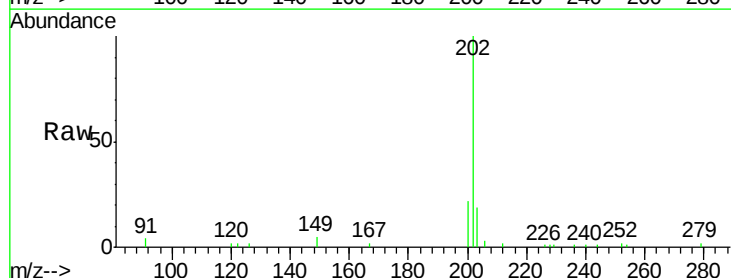
Tgt Ion:202 Resp: 5883

Ion Ratio Lower Upper

202 100

200 21.1 16.6 25.0

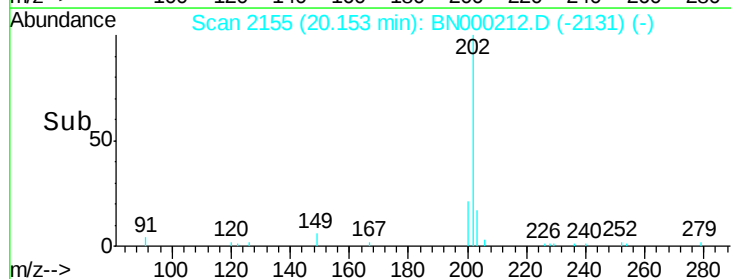
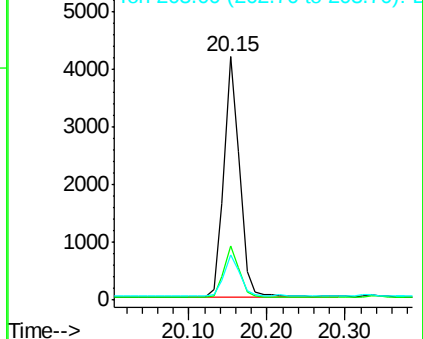
203 17.4 13.8 20.8



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





#29

Terphenyl-d14

Concen: 0.407 ng

RT: 20.34 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

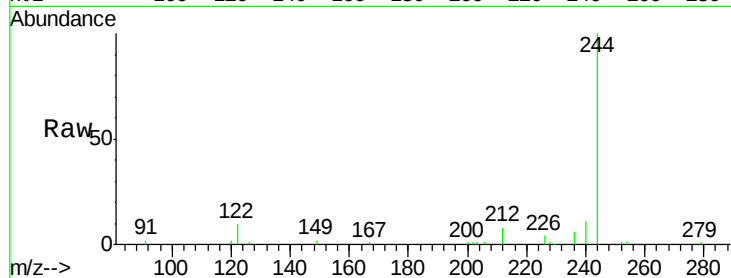
Tgt Ion:244 Resp: 13873

Ion Ratio Lower Upper

244 100

212 7.6 25.4 38.0#

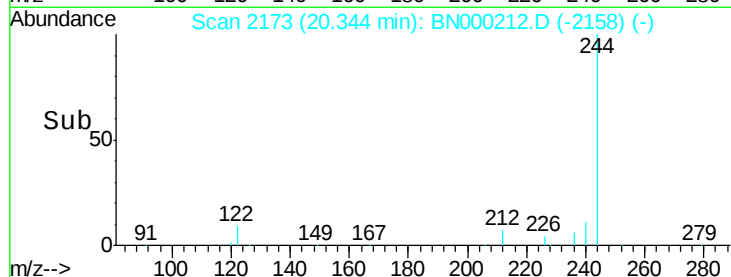
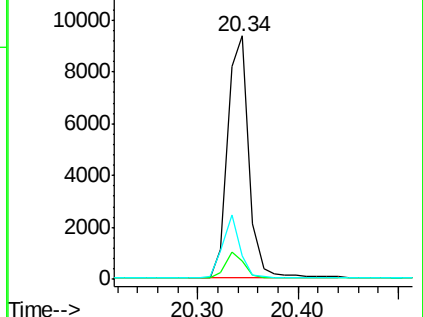
122 9.8 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.067 ng

RT: 21.87 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

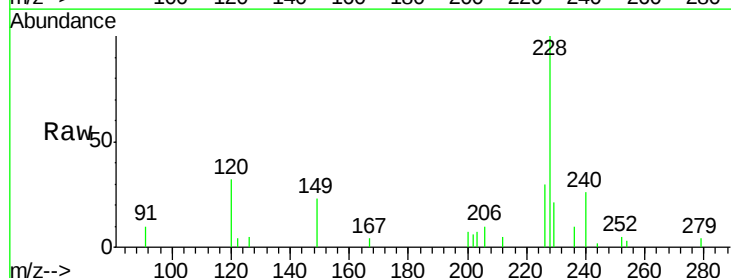
Tgt Ion:228 Resp: 4092

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

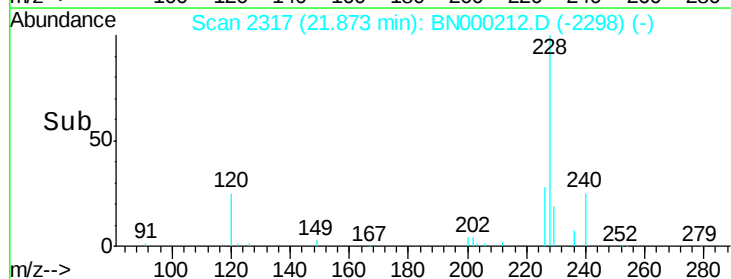
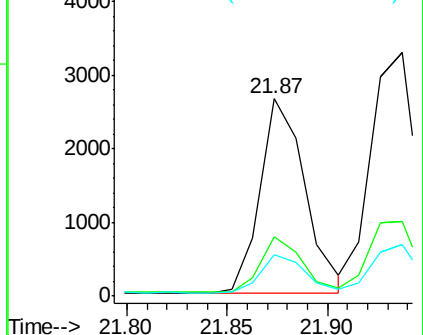
229 20.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.072 ng

RT: 21.94 min Scan# 2323

Delta R.T. 0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

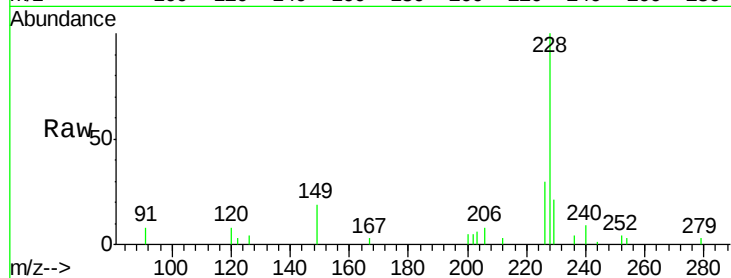
Tgt Ion:228 Resp: 5174

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

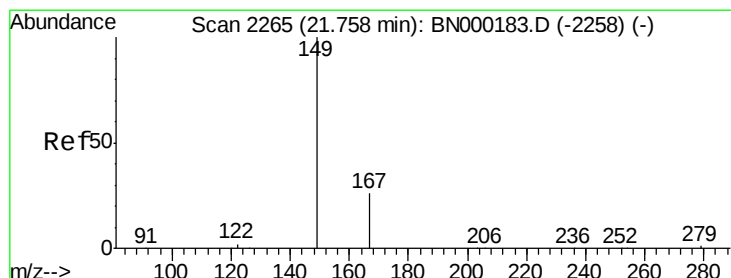
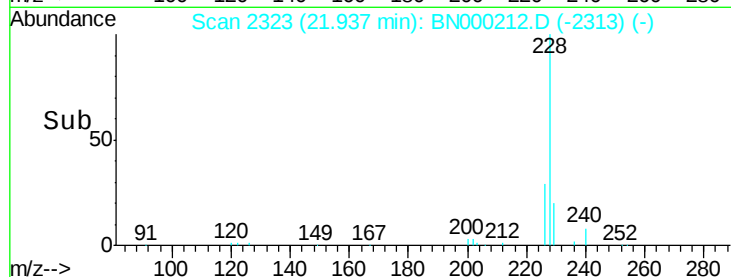
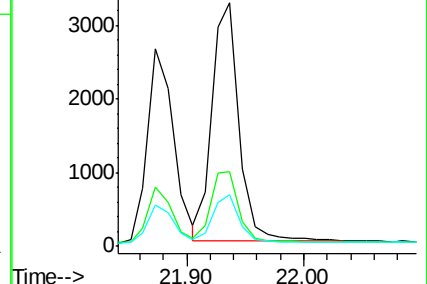
229 21.5 16.0 24.0



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: 0.079 ng

RT: 21.77 min Scan# 2307

Delta R.T. 0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

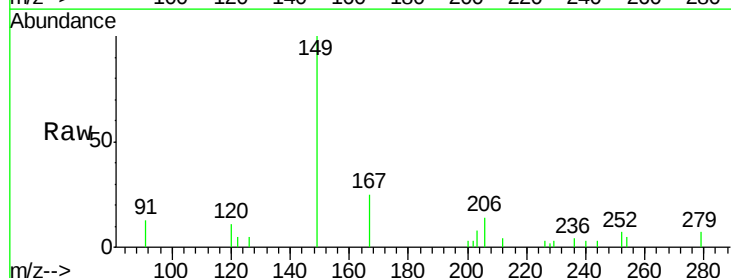
Tgt Ion:149 Resp: 1804

Ion Ratio Lower Upper

149 100

167 26.2 20.0 30.0

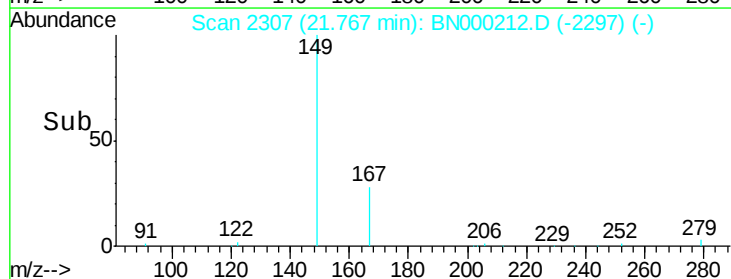
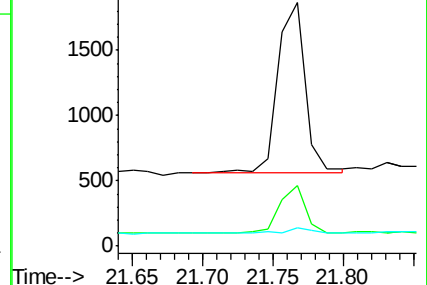
279 2.7 1.6 2.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.060 ng

RT: 26.92 min Scan# 3687

Delta R.T. 0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

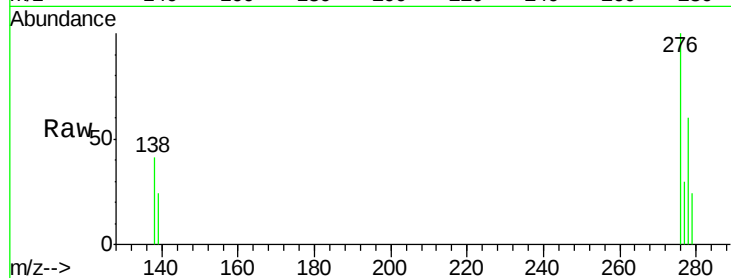
Tgt Ion:276 Resp: 3988

Ion Ratio Lower Upper

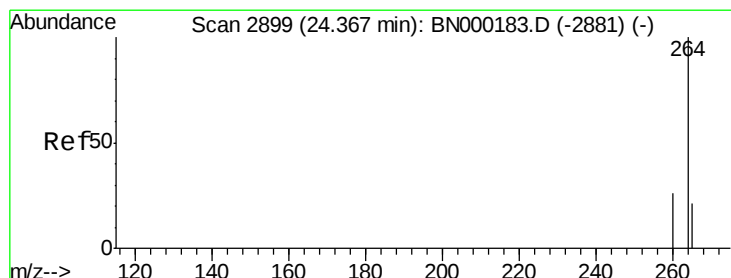
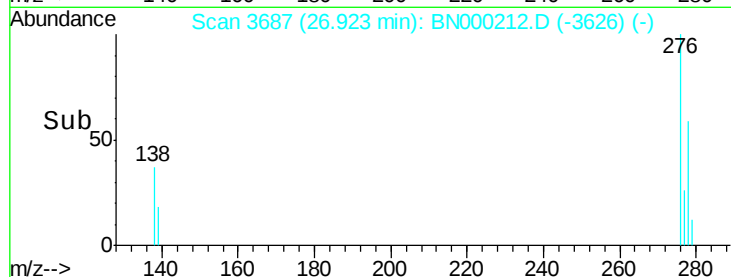
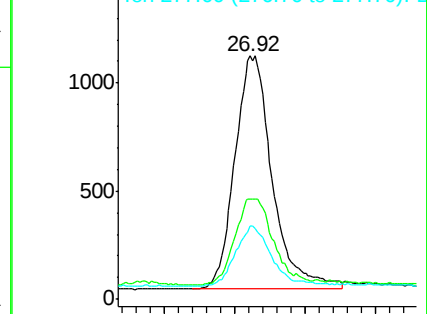
276 100

138 38.1 22.5 33.7#

277 25.2 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# 2942

Delta R.T. 0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

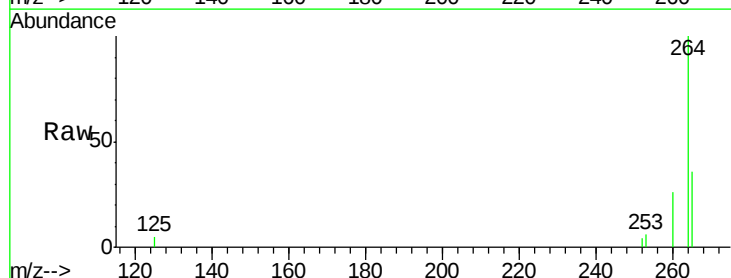
Tgt Ion:264 Resp: 15320

Ion Ratio Lower Upper

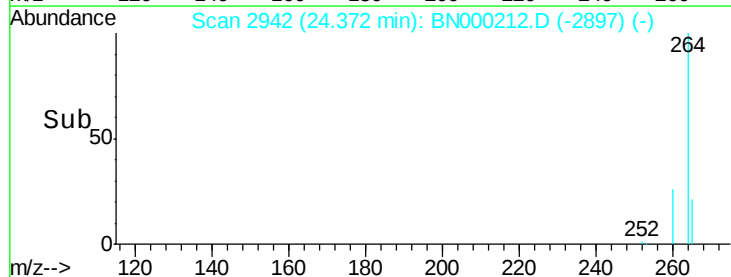
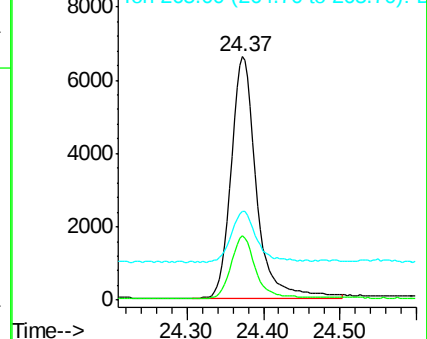
264 100

260 26.3 20.5 30.7

265 36.4 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: 0.070 ng

RT: 23.62 min Scan# 2721

Delta R.T. 0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

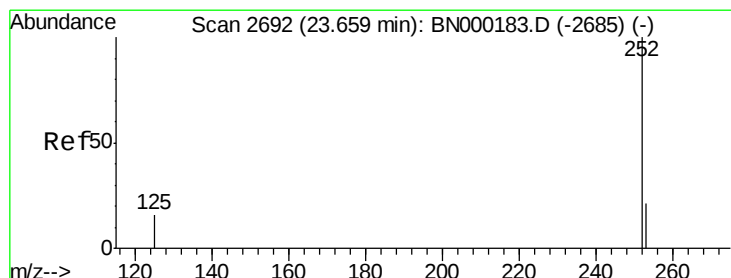
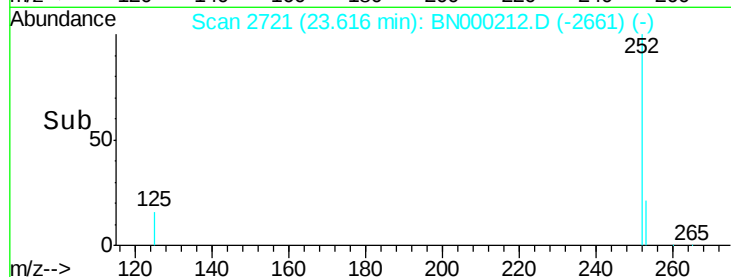
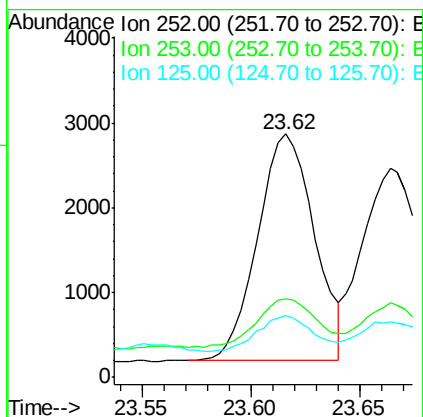
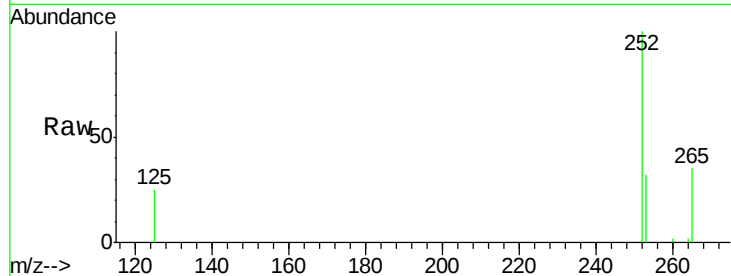
Tgt Ion:252 Resp: 4868

Ion Ratio Lower Upper

252 100

253 32.1 20.0 30.0#

125 25.3 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.065 ng

RT: 23.66 min Scan# 2735

Delta R.T. 0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

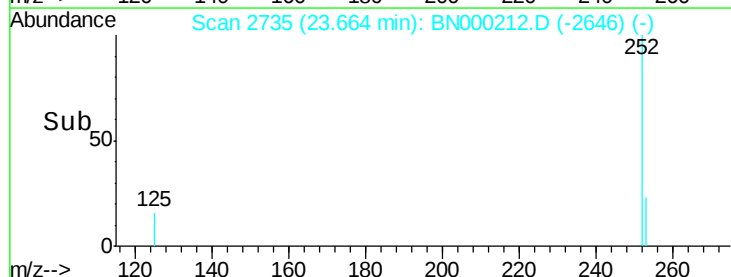
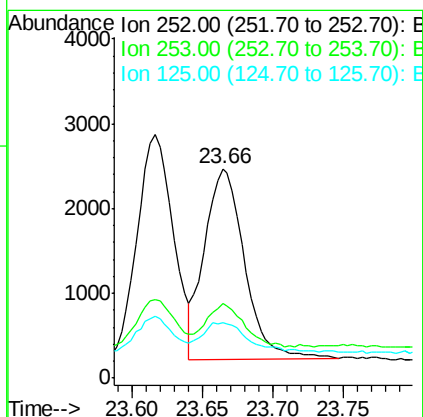
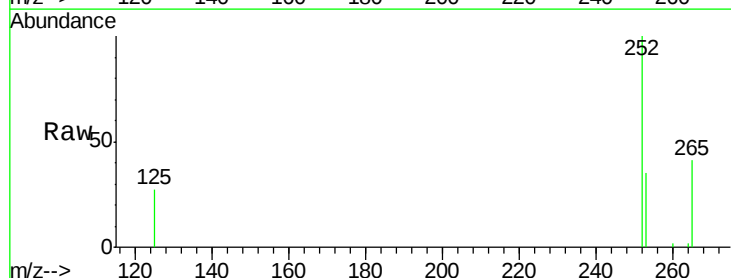
Tgt Ion:252 Resp: 4478

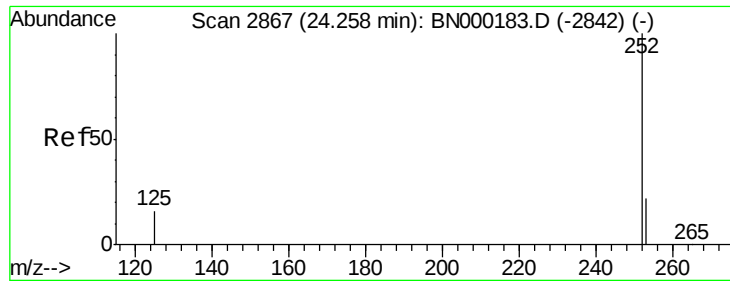
Ion Ratio Lower Upper

252 100

253 35.3 16.0 24.0#

125 26.6 8.0 12.0#





#37

Benzo(a)pyrene

Concen: 0.061 ng

RT: 24.26 min Scan# 2910

Delta R.T. 0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06

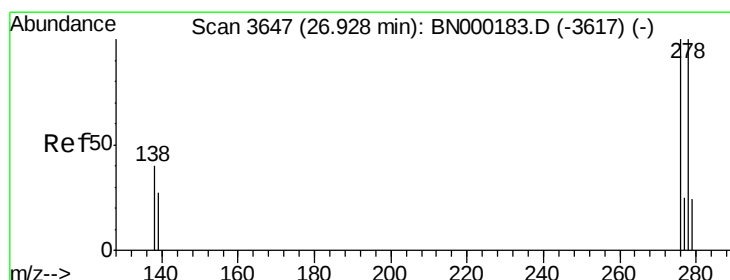
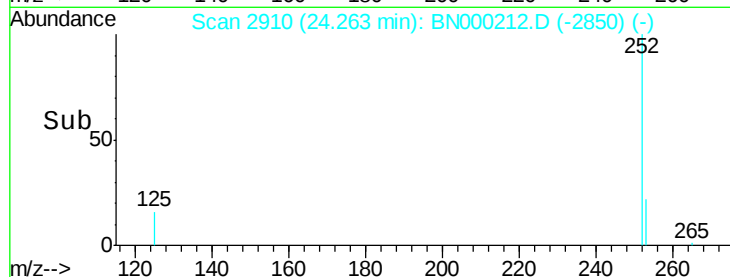
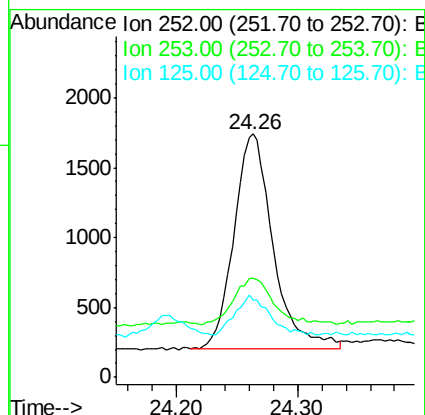
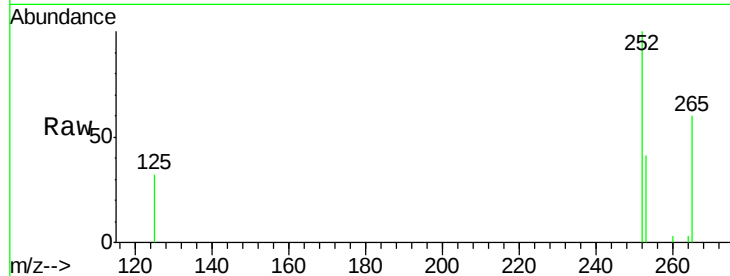
Tgt Ion:252 Resp: 3458

Ion Ratio Lower Upper

252 100

253 40.9 16.0 24.0#

125 31.9 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.060 ng

RT: 26.94 min Scan# 3692

Delta R.T. 0.01 min

Lab File: BN000212.D

Acq: 01 Mar 2018 11:45

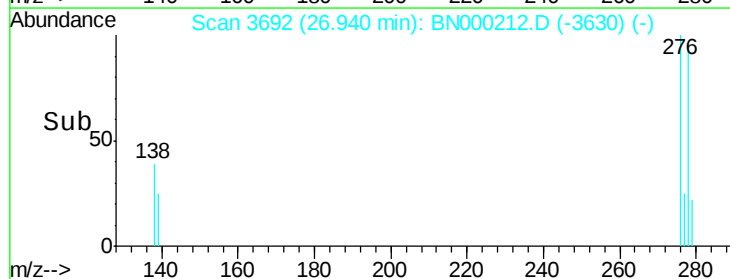
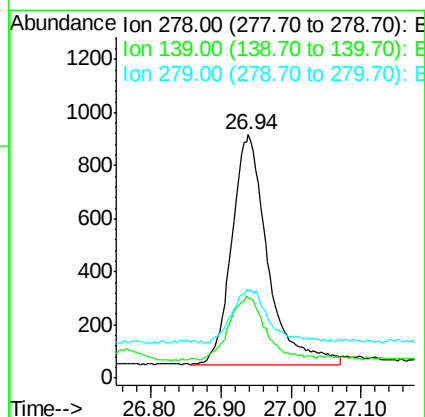
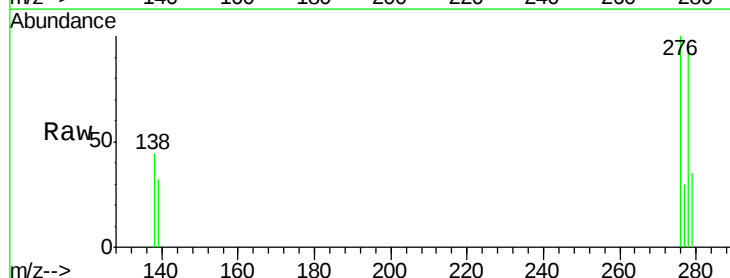
Tgt Ion:278 Resp: 3066

Ion Ratio Lower Upper

278 100

139 32.6 16.0 24.0#

279 35.9 20.0 30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.068 ng

RT: 27.71 min Scan# 3916

Delta R.T. 0.01 min

Lab File: BN000212.D

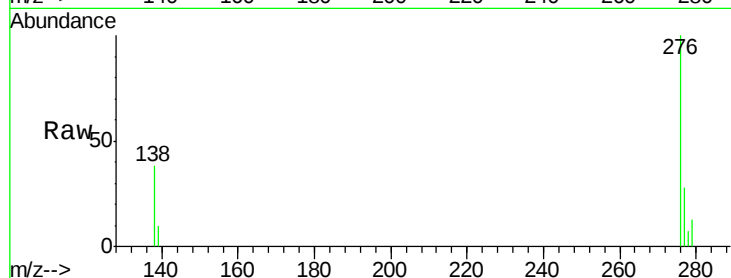
Acq: 01 Mar 2018 11:45

Instrument :

BNA_N

ClientSampleId :

MDL-S-06



Tgt Ion: 276 Resp: 4098

Ion Ratio Lower Upper

276 100

277 28.3 16.0 24.0#

138 38.4 20.0 30.0#

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

