

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN022818\
 Data File : BN000204.D
 Acq On : 28 Feb 2018 16:35
 Operator : JU/SJ
 Sample : MDL-W-BL-2
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-2

Quant Time: Feb 28 17:35:31 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	8.45	152	7259	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	26223	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	12812	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	30014	0.40	ng	0.00
27) Chrysene-d12	21.90	240	21959	0.40	ng	0.00
34) Perylene-d12	24.37	264	17042	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.93	112	4985	0.33	ng	0.00
5) Phenol-d6	7.57	99	5933	0.30	ng	0.00
8) Nitrobenzene-d5	9.63	82	5719	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	15711	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	1197	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	24208	0.40	ng	0.00
25) Fluoranthene-d10	19.77	212	29967	0.37	ng	0.00
29) Terphenyl-d14	20.34	244	17436	0.45	ng	0.00

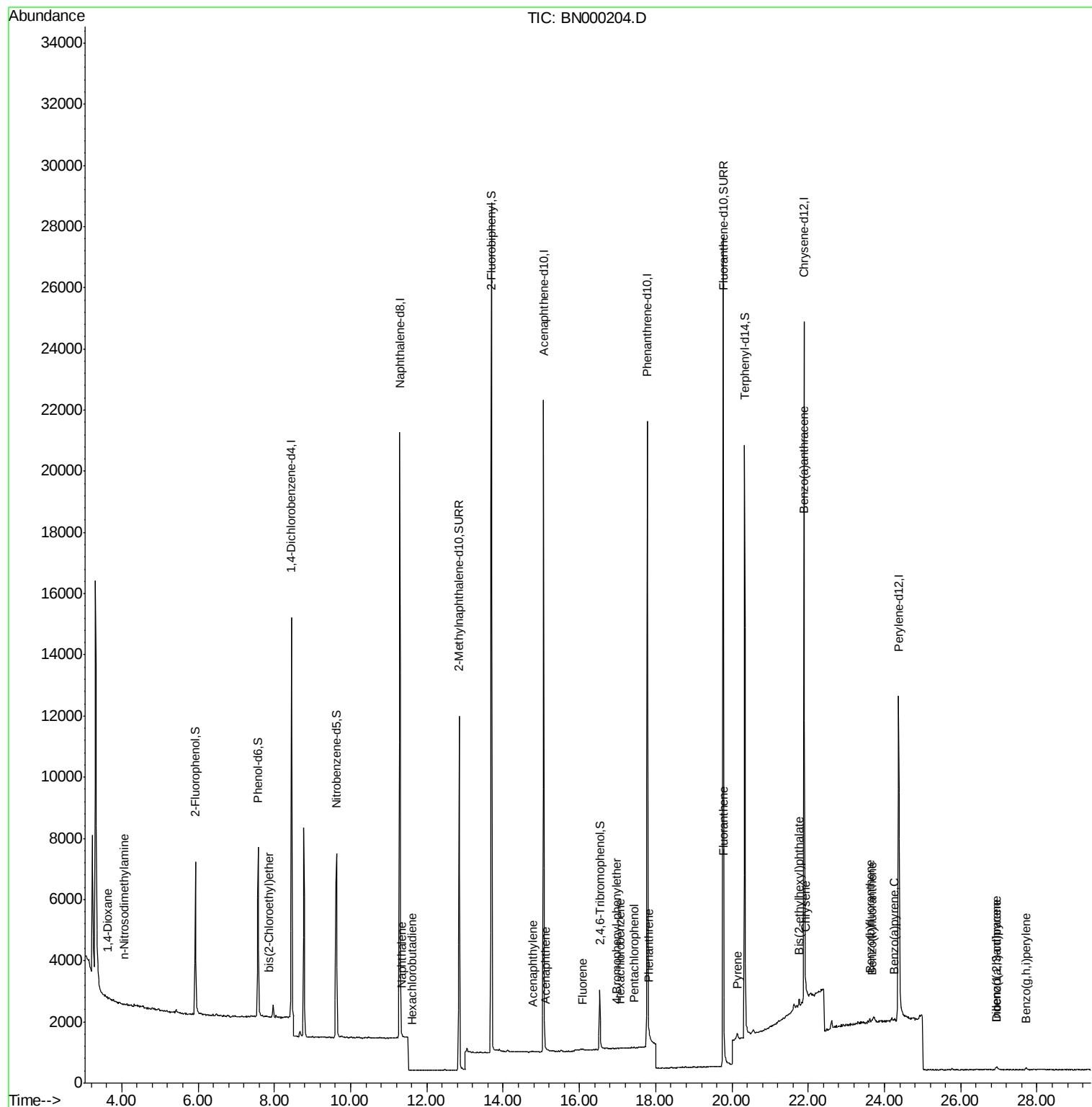
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.62	88	47	0.006	ng	# 71
3) n-Nitrosodimethylamine	4.07	42	2	0.101	ng	# 1
6) bis(2-Chloroethyl)ether	7.85	93	17	0.001	ng	# 36
9) Naphthalene	11.34	128	65	0.001	ng	# 1
10) Hexachlorobutadiene	11.60	225	1	0.000	ng	# 1
16) Acenaphthylene	14.78	152	20	0.000	ng	# 50
17) Acenaphthene	15.13	154	13	0.000	ng	# 15
18) Fluorene	16.09	166	37	0.001	ng	# 77
20) 4-Bromophenyl-phenylether	16.98	248	4	0.000	ng	# 44
21) Hexachlorobenzene	17.09	284	15	0.001	ng	# 70
22) Pentachlorophenol	17.44	266	27	0.099	ng	# 68
23) Phenanthrene	17.82	178	103	0.001	ng	# 61
26) Fluoranthene	19.80	202	45	0.000	ng	# 64
28) Pyrene	20.15	202	63	0.001	ng	# 26
30) Benzo(a)anthracene	21.89	228	128	0.002	ng	# 30
31) Chrysene	21.93	228	114	0.001	ng	# 36
32) Bis(2-ethylhexyl)phthalate	21.76	149	359	0.014	ng	# 88
33) Indeno(1,2,3-cd)pyrene	26.93	276	128	0.002	ng	# 75
35) Benzo(b)fluoranthene	23.62	252	150	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.67	252	123	0.002	ng	# 1
37) Benzo(a)pyrene	24.25	252	30	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.94	278	60	0.001	ng	# 1
39) Benzo(g,h,i)perylene	27.71	276	138	0.002	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.45 min Scan# 634

Delta R.T. -0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

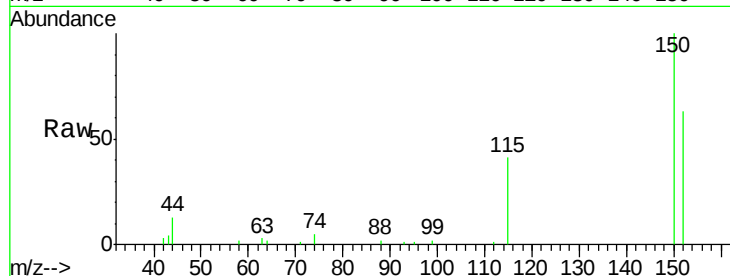
Tgt Ion:152 Resp: 7259

Ion Ratio Lower Upper

152 100

150 158.4 117.2 175.8

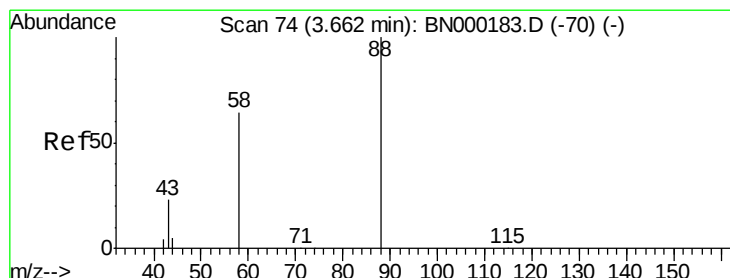
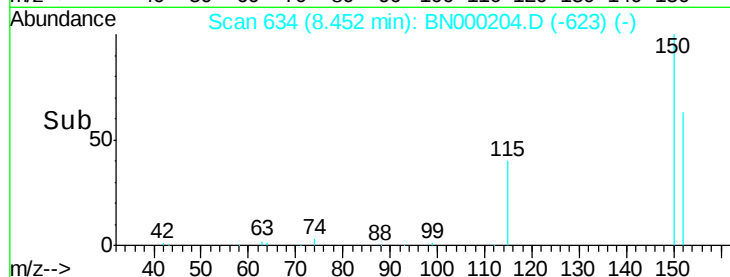
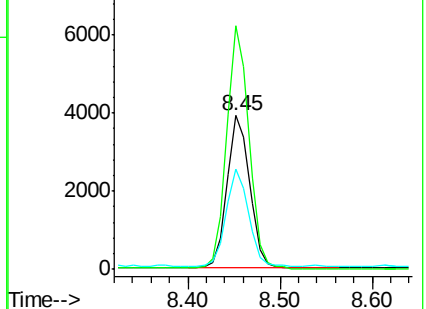
115 65.3 57.0 85.6



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: 0.006 ng

RT: 3.62 min Scan# 69

Delta R.T. -0.04 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

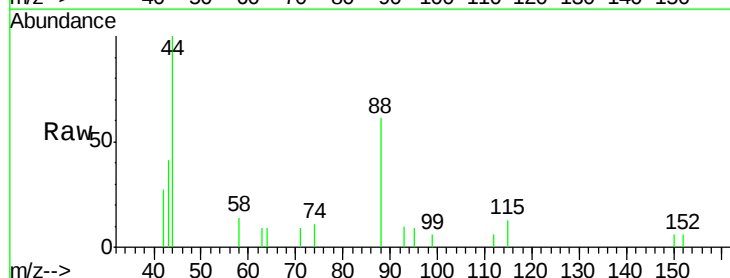
Tgt Ion: 88 Resp: 47

Ion Ratio Lower Upper

88 100

58 31.9 48.0 72.0#

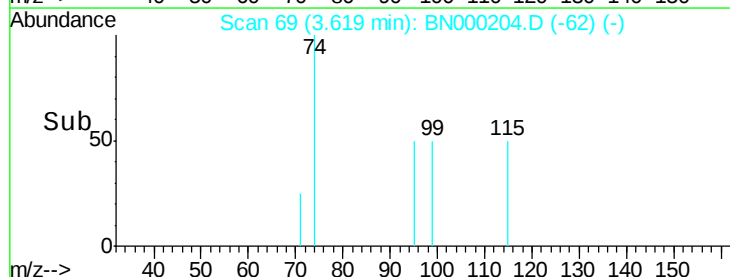
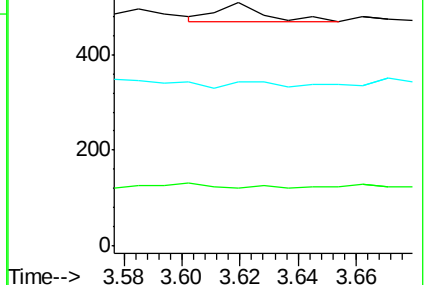
43 29.8 20.0 30.0

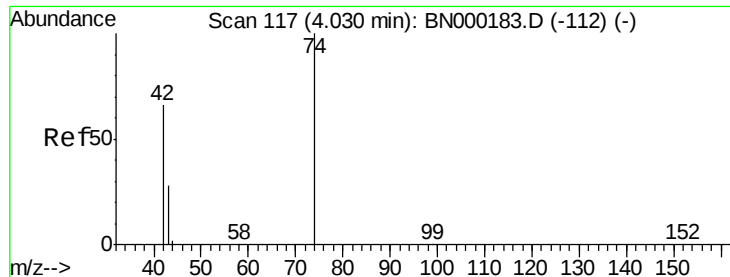


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



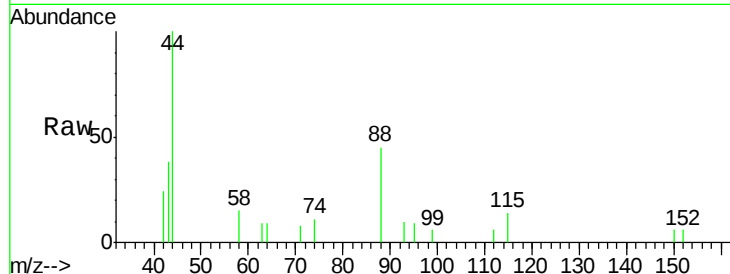


#3

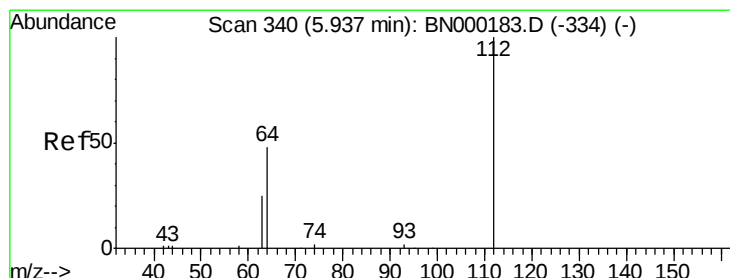
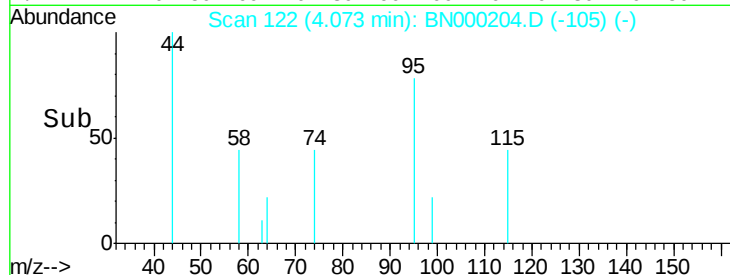
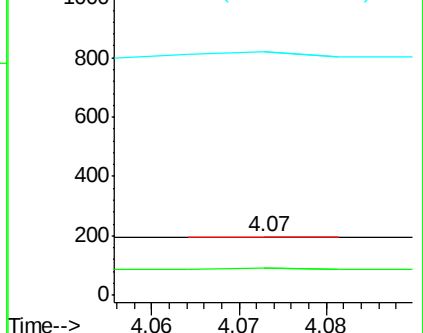
n-Nitrosodimethylamine
 Concen: 0.101 ng
 RT: 4.07 min Scan# 122
 Delta R.T. 0.04 min
 Lab File: BN000204.D
 Acq: 28 Feb 2018 16:35

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-2

Tgt Ion: 42 Resp: 2
 Ion Ratio Lower Upper
 42 100
 74 400.0 120.0 180.0#
 44 800.0 4.0 6.0#



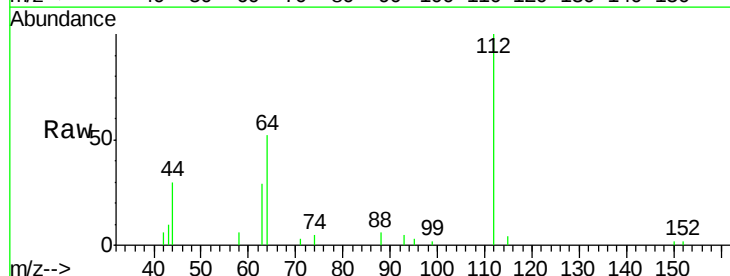
Abundance Ion 42.00 (41.70 to 42.70): BNC
 Ion 74.00 (73.70 to 74.70): BNC
 Ion 44.00 (43.70 to 44.70): BNC



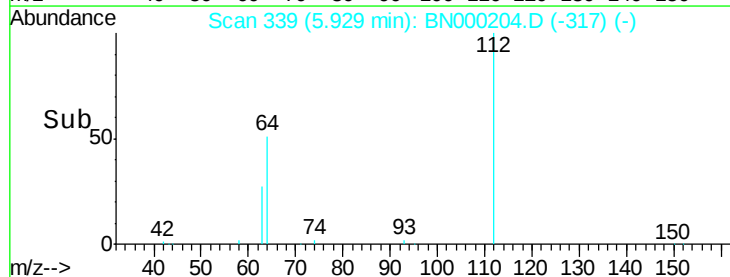
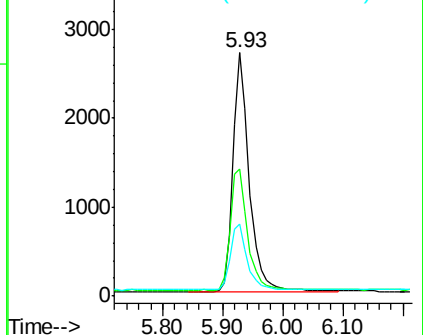
#4

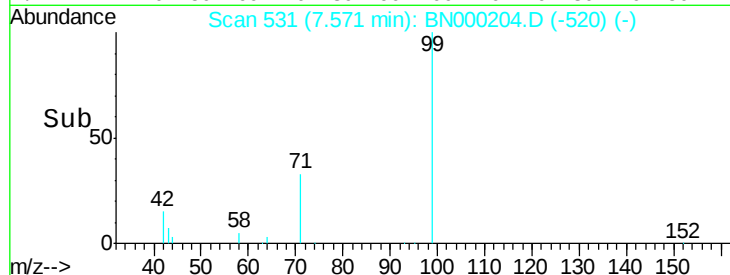
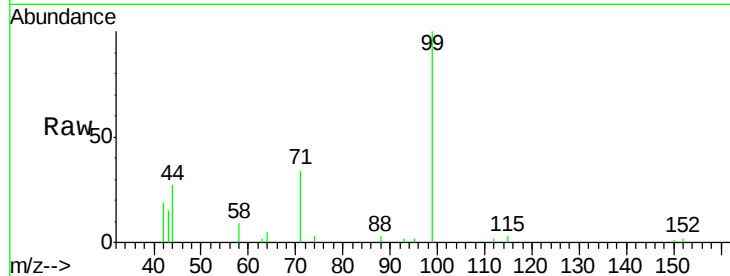
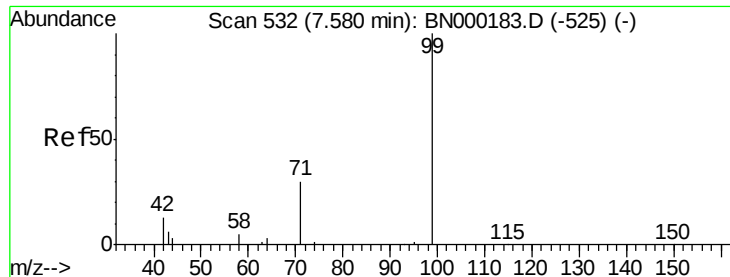
2-Fluorophenol
 Concen: 0.325 ng
 RT: 5.93 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: BN000204.D
 Acq: 28 Feb 2018 16:35

Tgt Ion: 112 Resp: 4985
 Ion Ratio Lower Upper
 112 100
 64 54.5 60.1 90.1#
 63 28.2 116.8 175.2#



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: 0.305 ng

RT: 7.57 min Scan# 531

Delta R.T. -0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

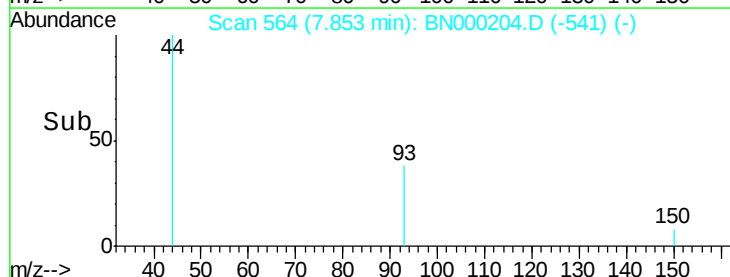
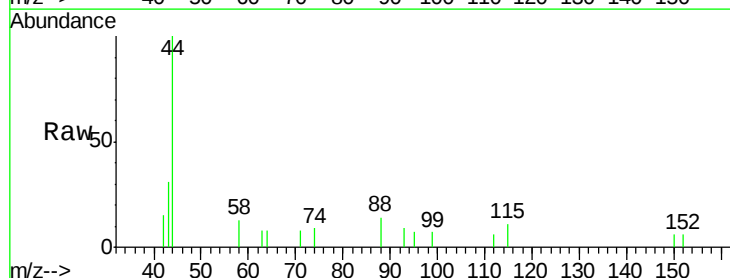
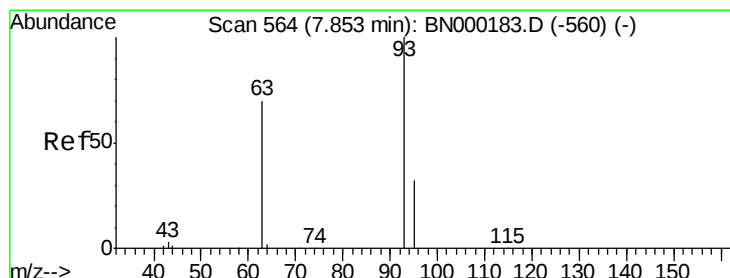
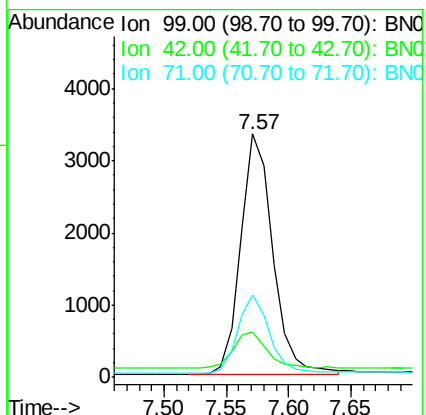
Tgt Ion: 99 Resp: 5933

Ion Ratio Lower Upper

99 100

42 16.4 20.2 30.2#

71 31.8 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.85 min Scan# 564

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

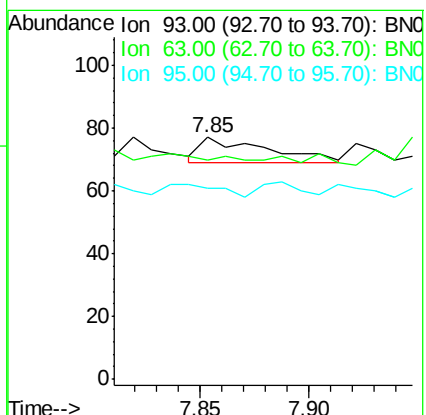
Tgt Ion: 93 Resp: 17

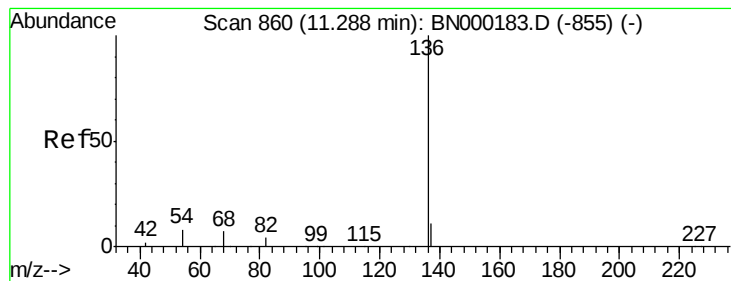
Ion Ratio Lower Upper

93 100

63 0.0 56.0 84.0#

95 41.2 25.2 37.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

Tgt Ion:136 Resp: 26223

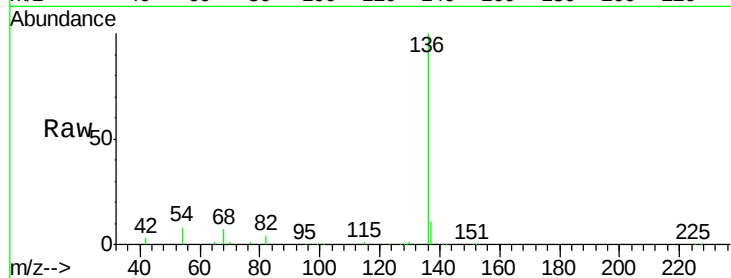
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 7.6 29.1 43.7#

68 7.0 6.2 9.2

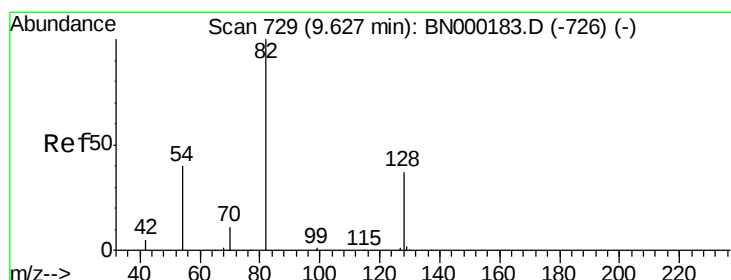
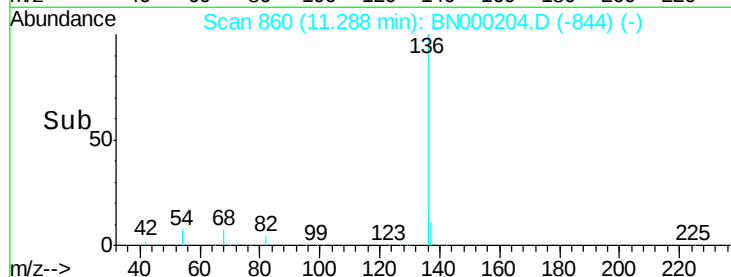
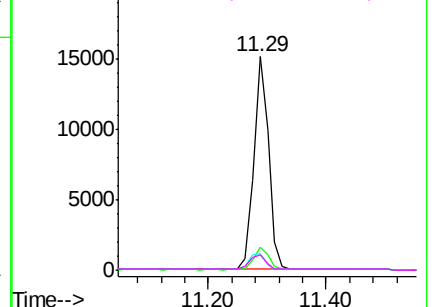


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 9.63 min Scan# 729

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

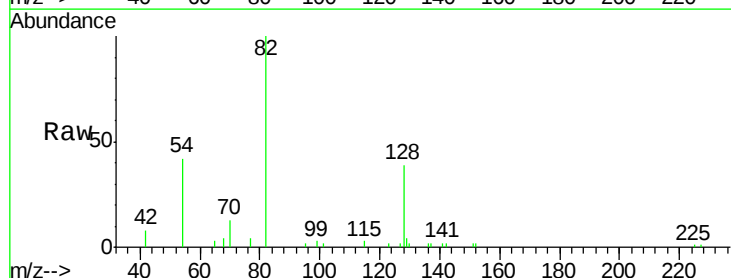
Tgt Ion: 82 Resp: 5719

Ion Ratio Lower Upper

82 100

128 39.5 150.0 225.0#

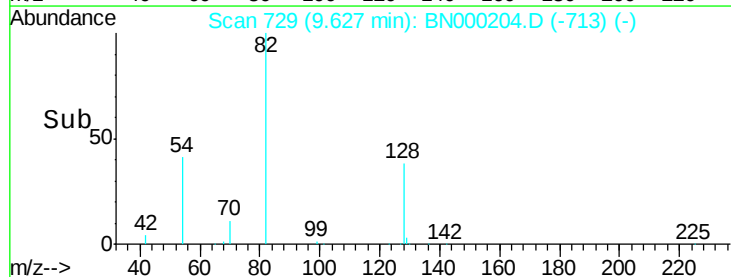
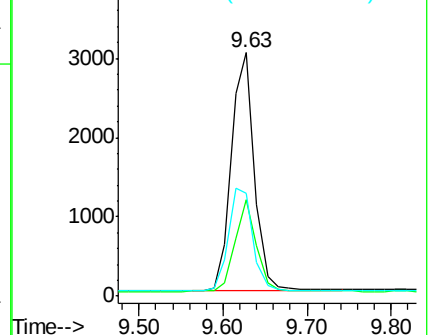
54 42.1 154.2 231.4#

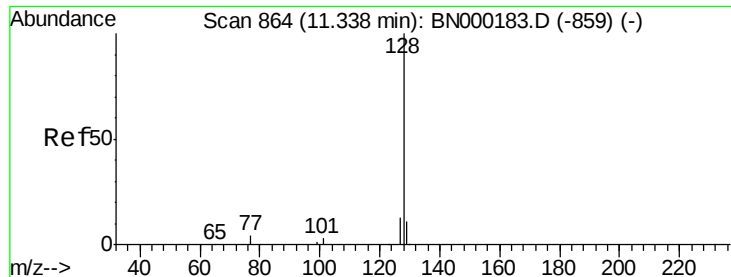


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.001 ng

RT: 11.34 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampled :

MDL-W-BL-2

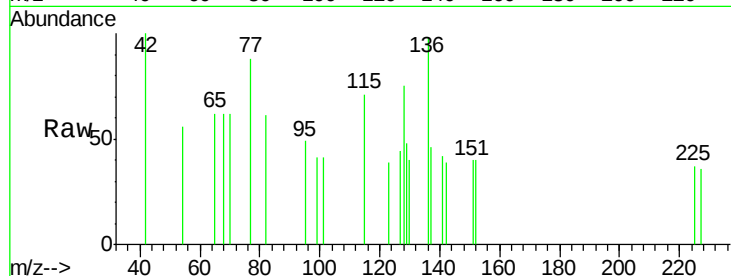
Tgt Ion:128 Resp: 65

Ion Ratio Lower Upper

128 100

129 63.4 8.0 12.0#

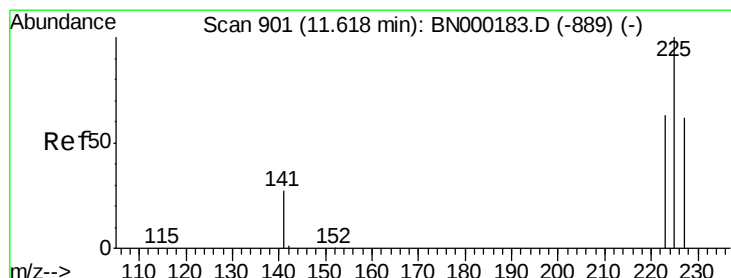
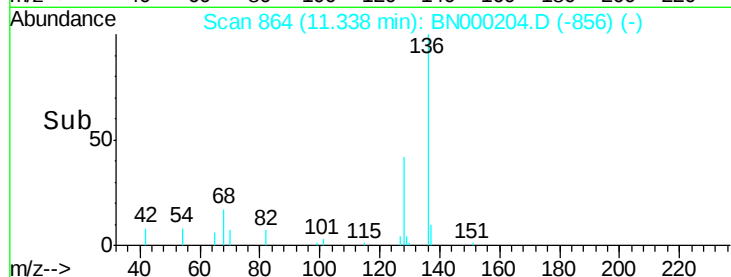
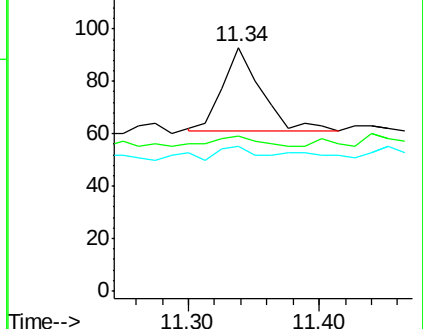
127 59.1 9.6 14.4#



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: 0.000 ng

RT: 11.60 min Scan# 898

Delta R.T. -0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

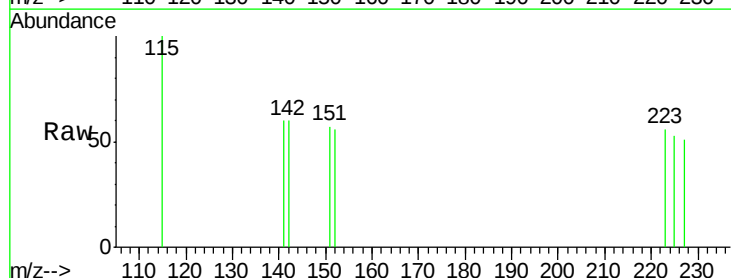
Tgt Ion:225 Resp: 1

Ion Ratio Lower Upper

225 100

223 200.0 53.0 79.6#

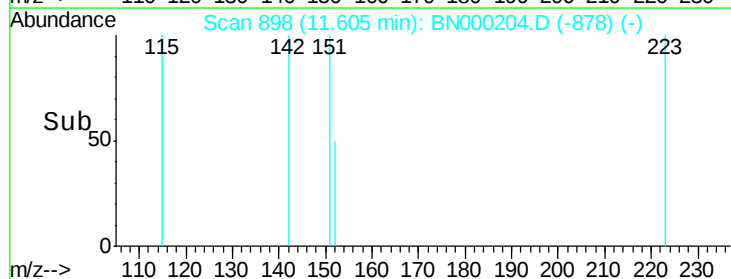
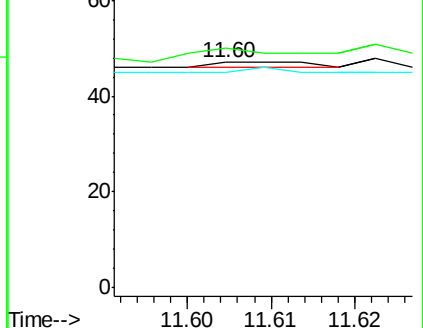
227 100.0 51.4 77.2#

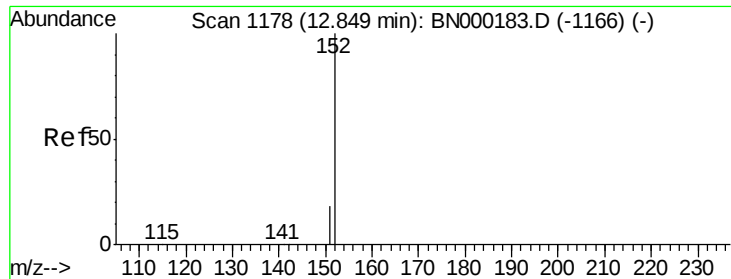


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

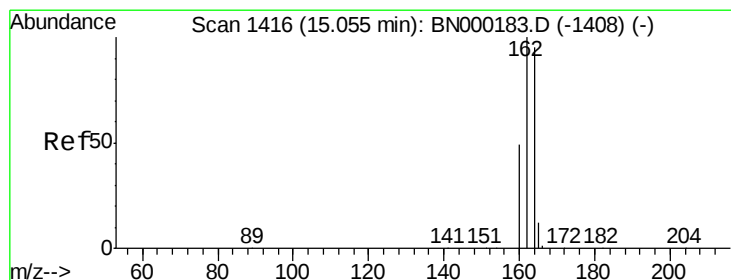
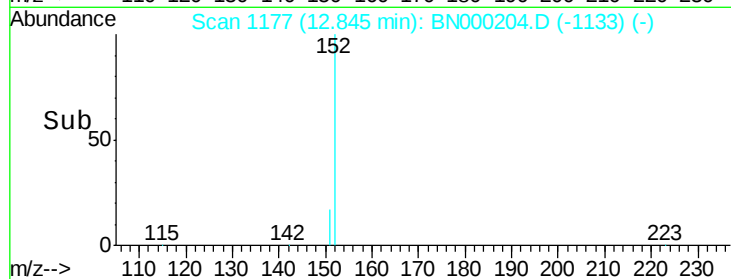
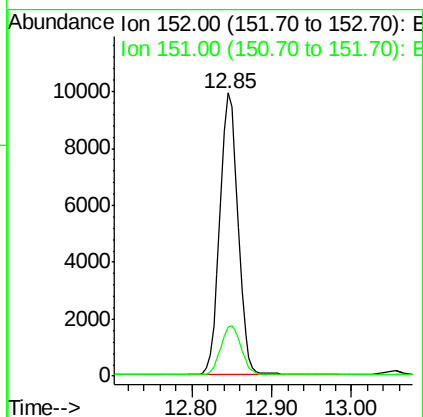
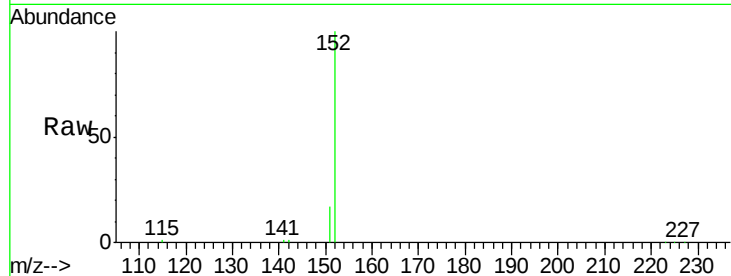




#11
 2-Methylnaphthalene-d10
 Concen: 0.398 ng
 RT: 12.85 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BN000204.D
 Acq: 28 Feb 2018 16:35

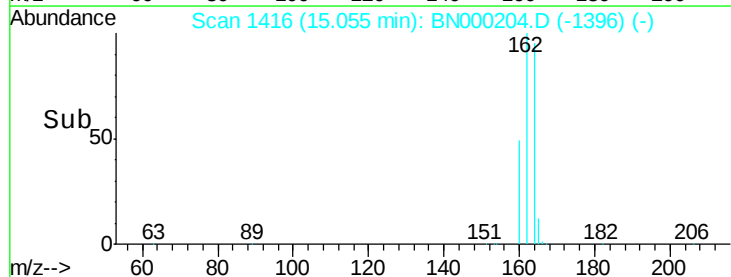
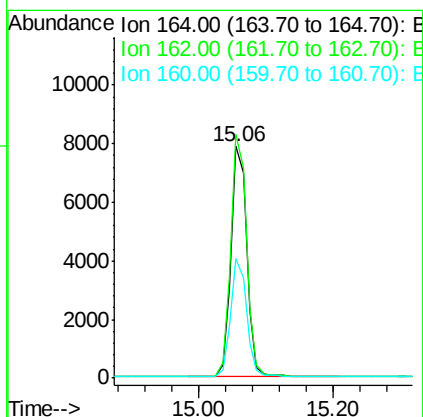
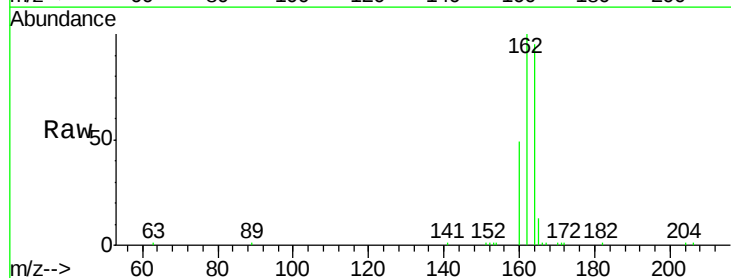
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-2

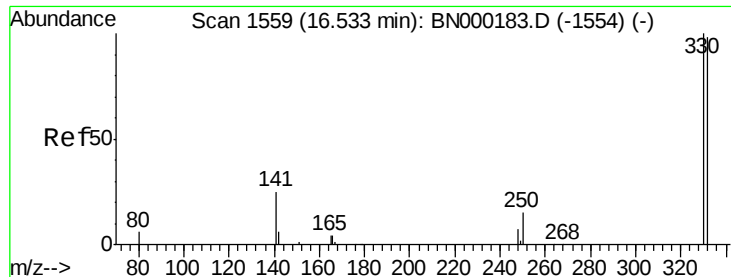
Tgt Ion:152 Resp: 15711
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BN000204.D
 Acq: 28 Feb 2018 16:35

Tgt Ion:164 Resp: 12812
 Ion Ratio Lower Upper
 164 100
 162 105.2 83.1 124.7
 160 51.8 37.1 55.7

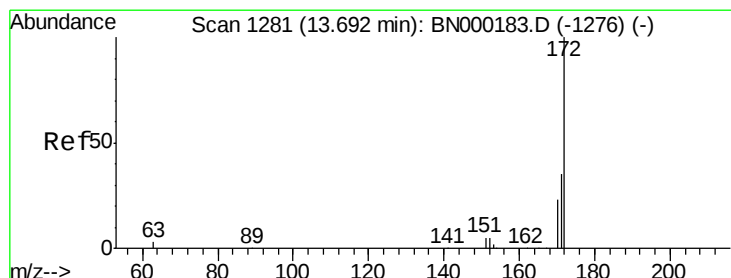
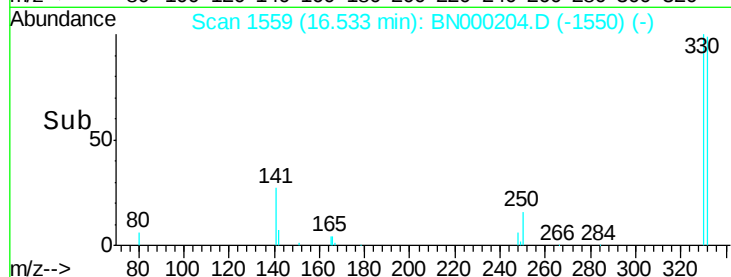
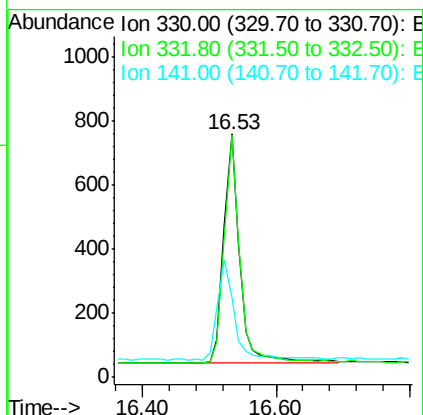
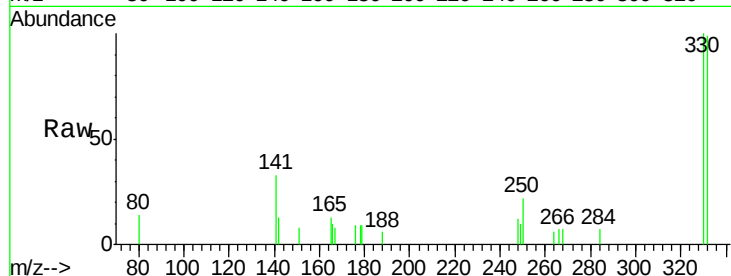




#14
 2,4,6-Tribromophenol
 Concen: 0.294 ng
 RT: 16.53 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BN000204.D
 Acq: 28 Feb 2018 16:35

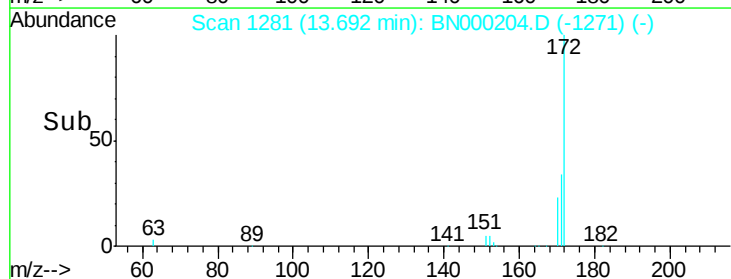
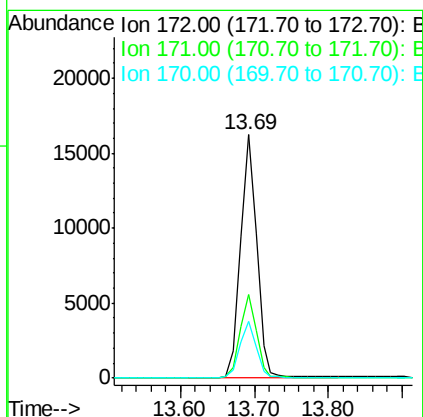
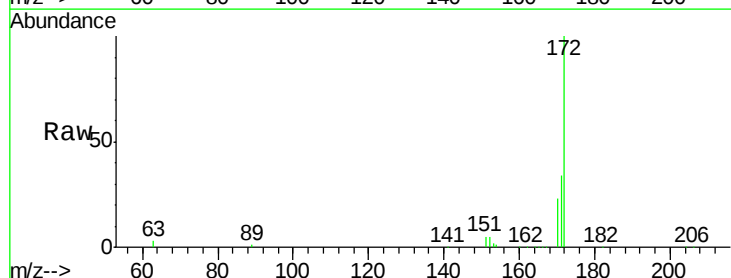
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-2

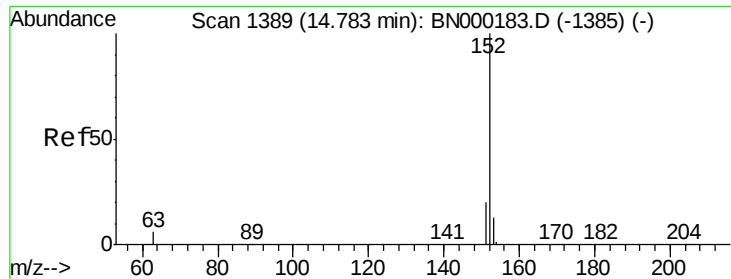
Tgt Ion: 330 Resp: 1197
 Ion Ratio Lower Upper
 330 100
 332 99.1 152.7 229.1#
 141 45.7 33.7 50.5



#15
 2-Fluorobiphenyl
 Concen: 0.399 ng
 RT: 13.69 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: BN000204.D
 Acq: 28 Feb 2018 16:35

Tgt Ion: 172 Resp: 24208
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.9 44.9
 170 23.1 21.8 32.8





#16

Acenaphthylene

Concen: 0.000 ng

RT: 14.78 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

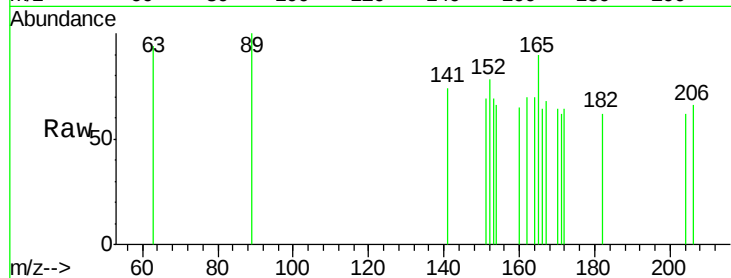
Tgt Ion:152 Resp: 20

Ion Ratio Lower Upper

152 100

151 45.0 15.7 23.5#

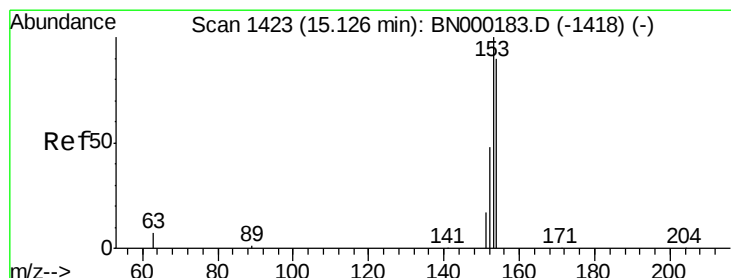
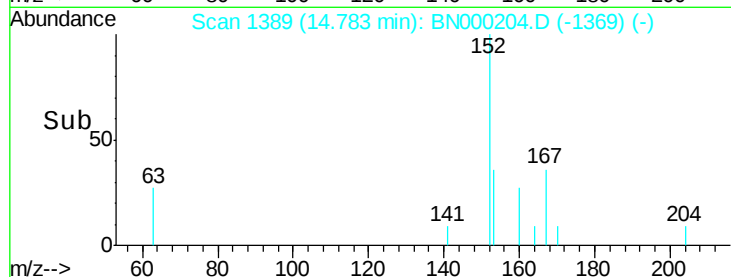
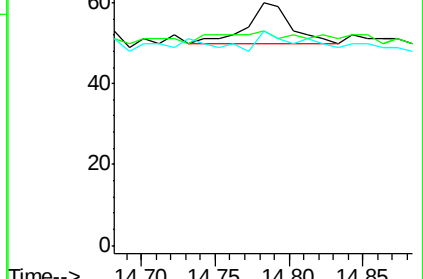
153 30.0 10.5 15.7#



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: 0.000 ng

RT: 15.13 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

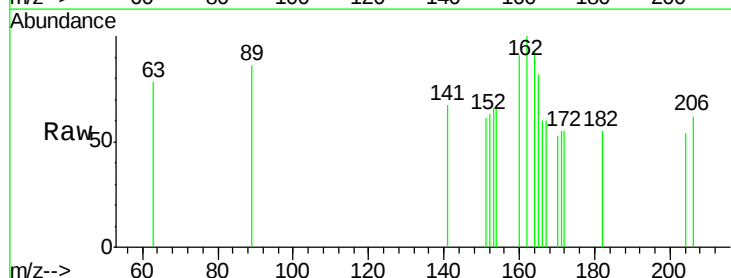
Tgt Ion:154 Resp: 13

Ion Ratio Lower Upper

154 100

153 200.0 89.2 133.8#

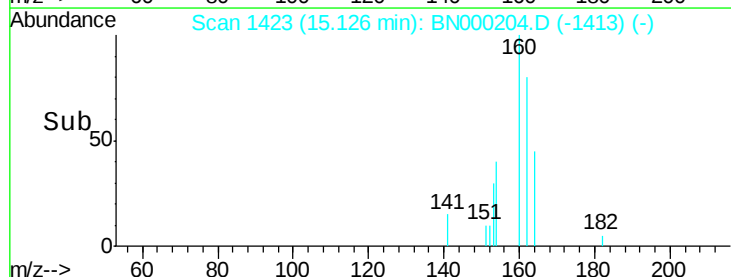
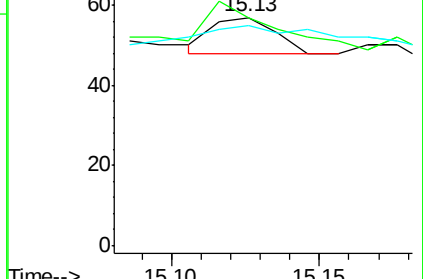
152 115.4 42.0 63.0#

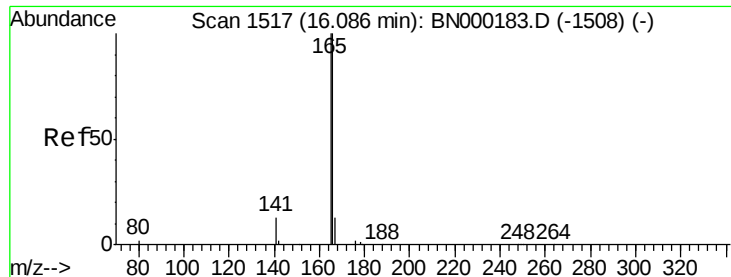


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.001 ng

RT: 16.09 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

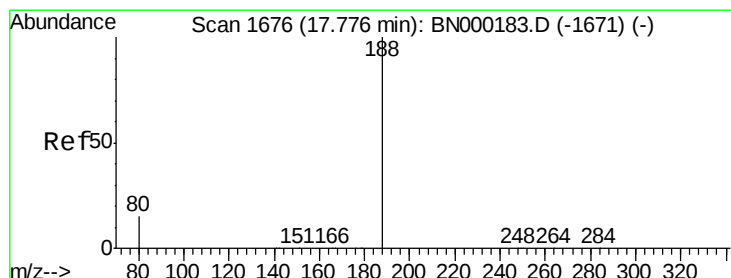
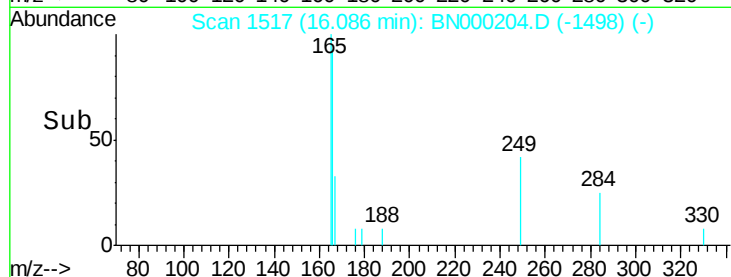
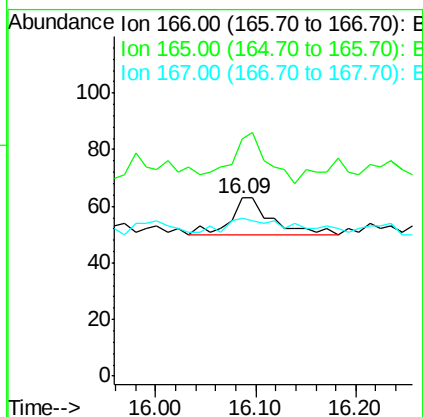
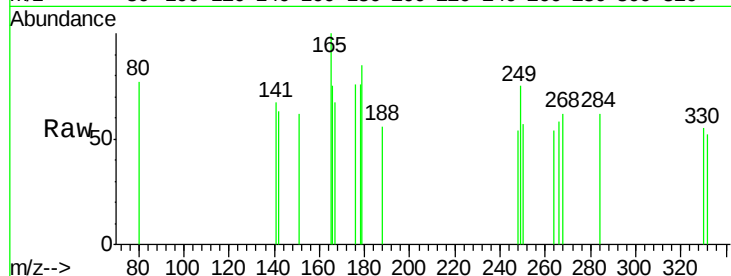
Tgt Ion:166 Resp: 37

Ion Ratio Lower Upper

166 100

165 121.6 77.8 116.6#

167 67.6 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: BN000204.D

Acq: 28 Feb 2018 16:35

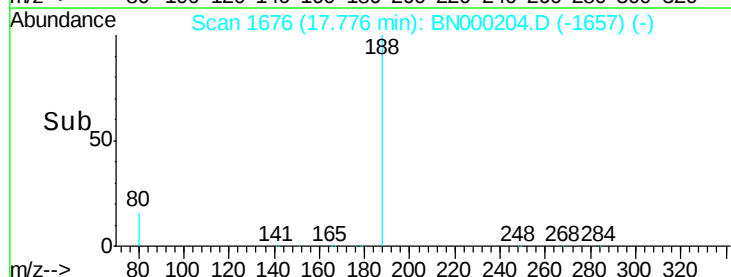
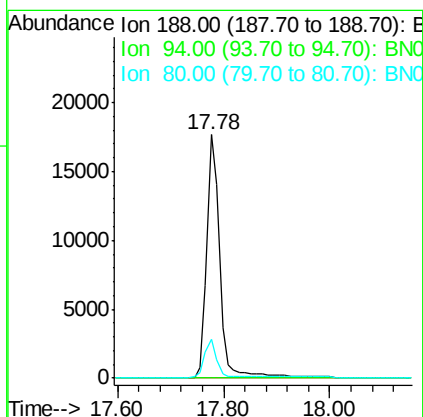
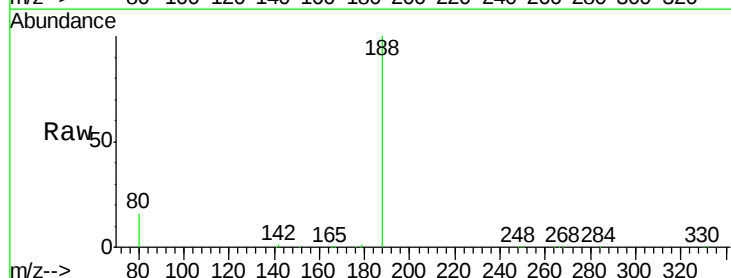
Tgt Ion:188 Resp: 30014

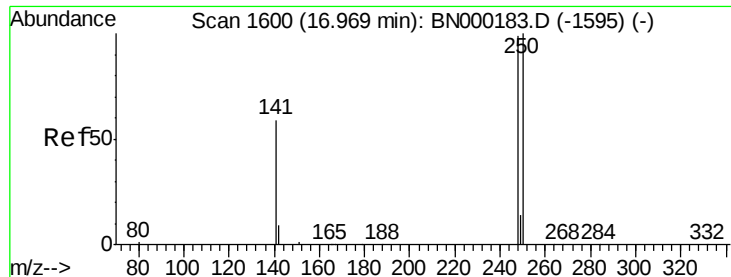
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 15.9 3.6 5.4#





#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.98 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

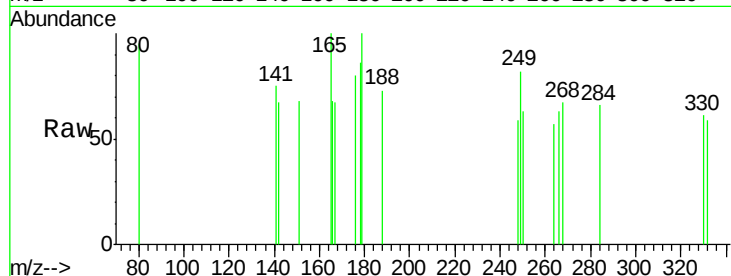
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 106.4 62.7 94.1#

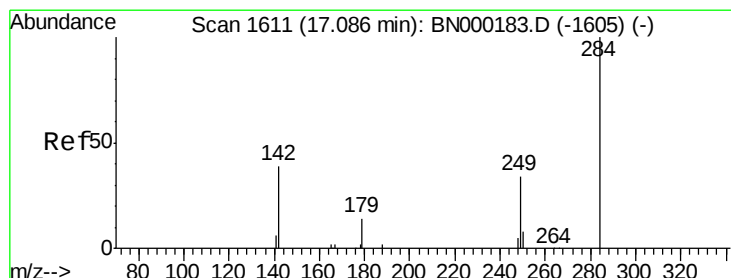
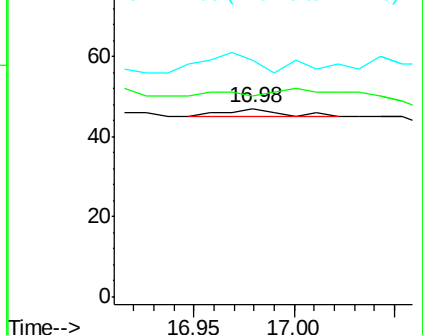
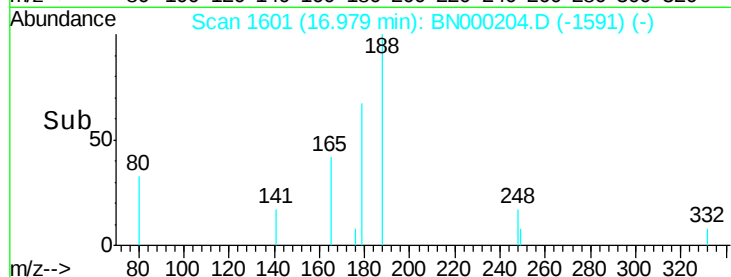
141 125.5 48.2 72.2#



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: 0.001 ng

RT: 17.09 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

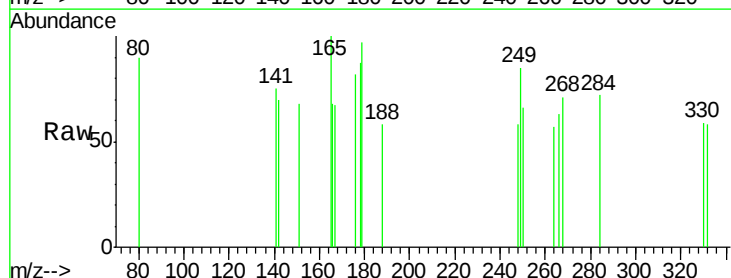
Tgt Ion:284 Resp: 15

Ion Ratio Lower Upper

284 100

142 46.7 32.0 48.0

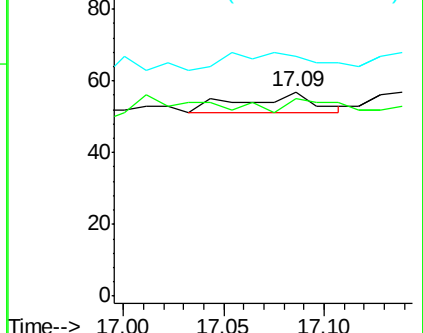
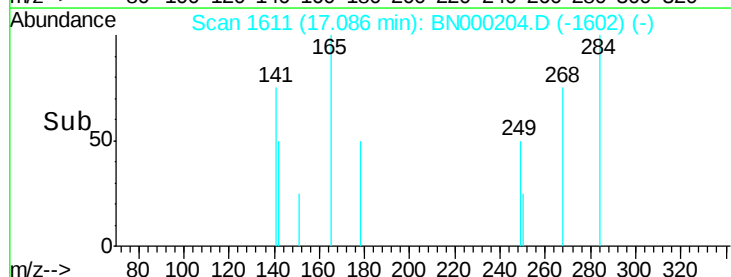
249 0.0 24.0 36.0#

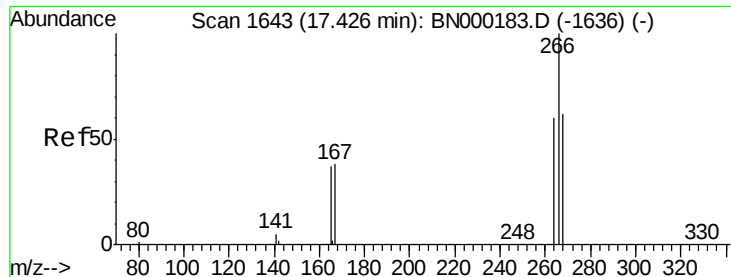


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#22

Pentachlorophenol

Concen: 0.099 ng

RT: 17.44 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampled :

MDL-W-BL-2

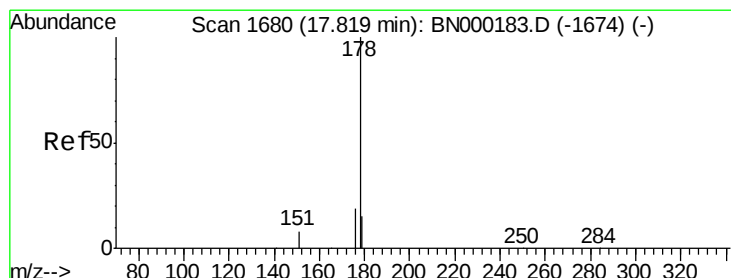
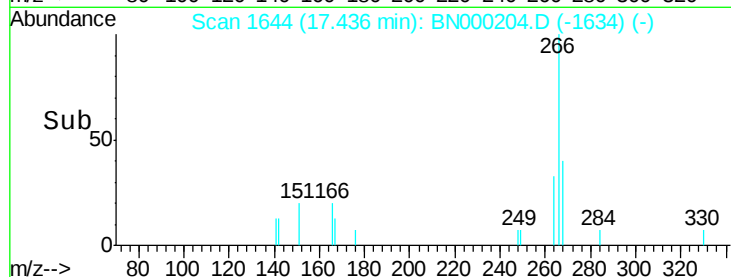
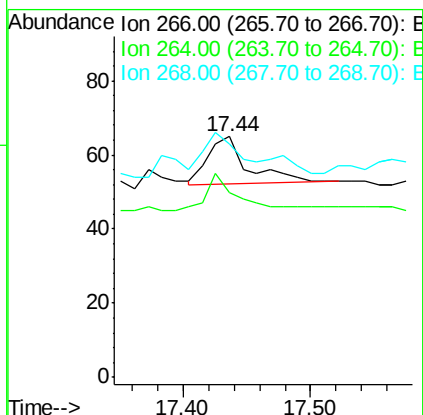
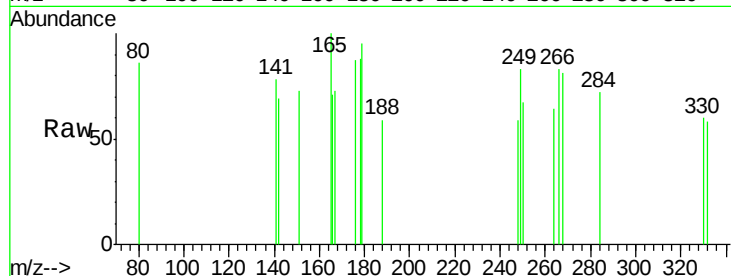
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 76.9 48.0 72.0#

268 96.9 52.0 78.0#



#23

Phenanthrene

Concen: 0.001 ng

RT: 17.82 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

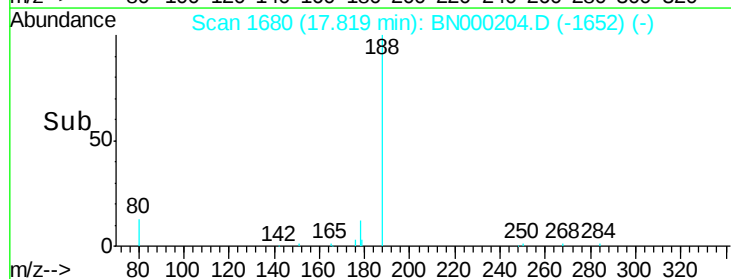
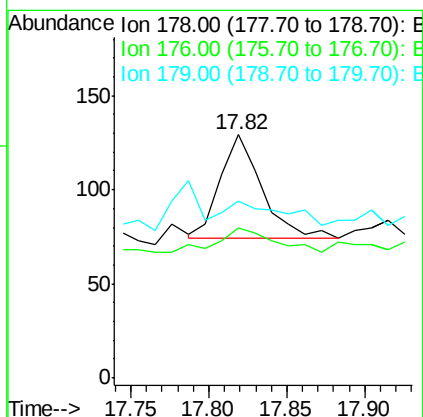
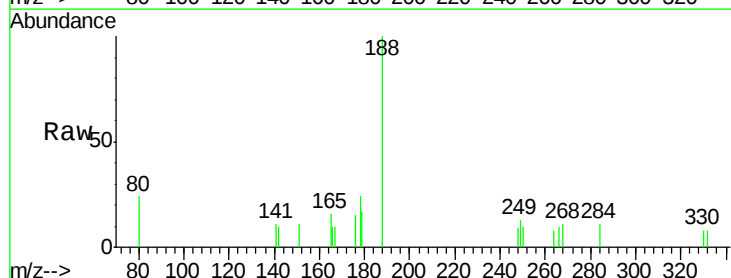
Tgt Ion:178 Resp: 103

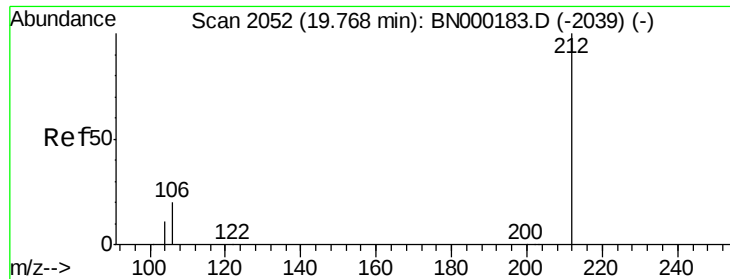
Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

179 0.0 11.8 17.6#





#25

Fluoranthene-d10

Concen: 0.374 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampled :

MDL-W-BL-2

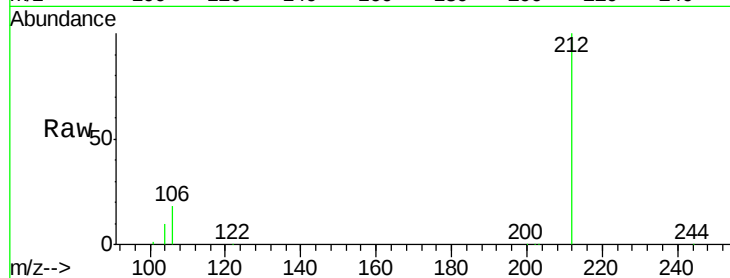
Tgt Ion:212 Resp: 29967

Ion Ratio Lower Upper

212 100

106 19.2 2.8 4.2#

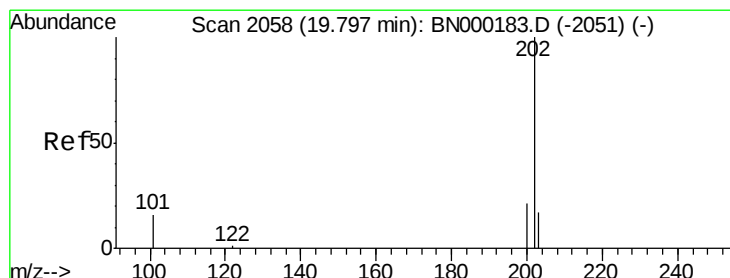
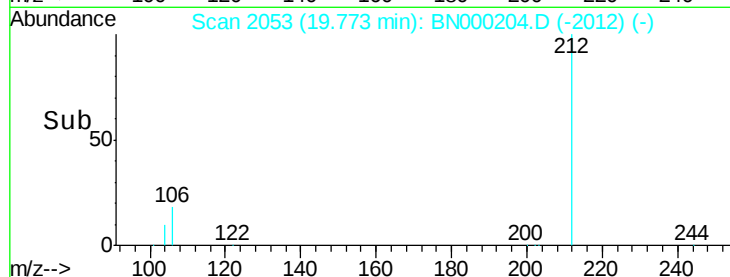
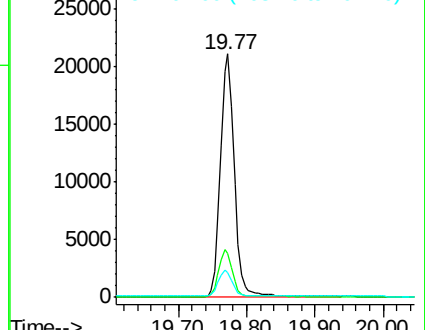
104 10.8 1.6 2.4#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.000 ng

RT: 19.80 min Scan# 2058

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

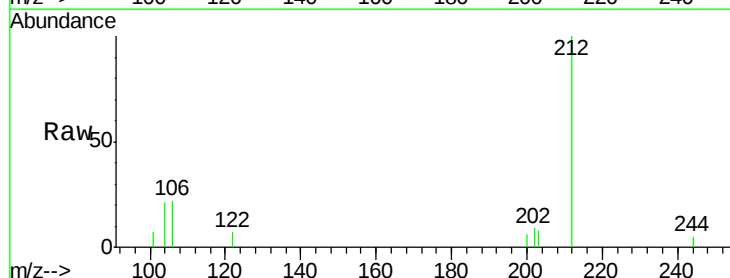
Tgt Ion:202 Resp: 45

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

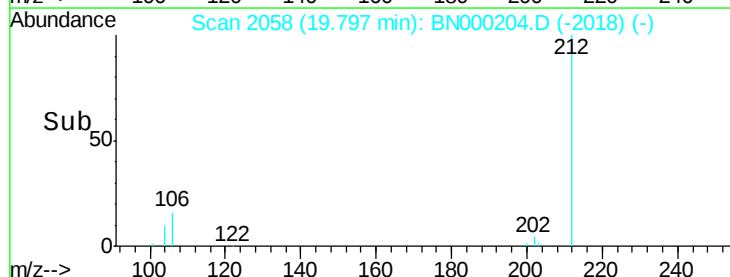
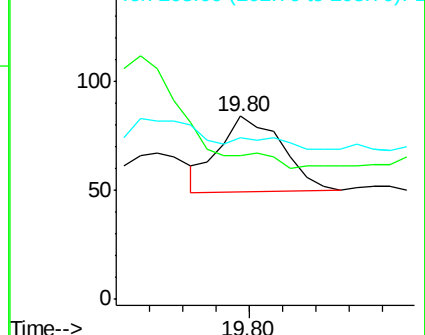
203 0.0 13.7 20.5#

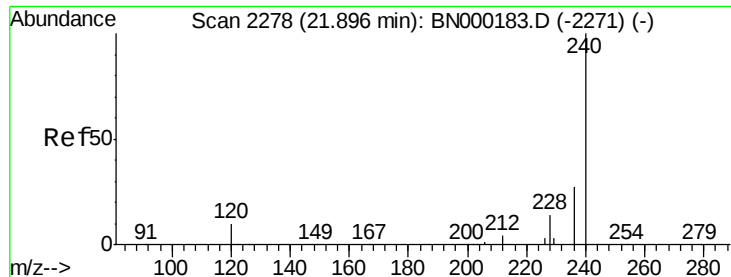


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

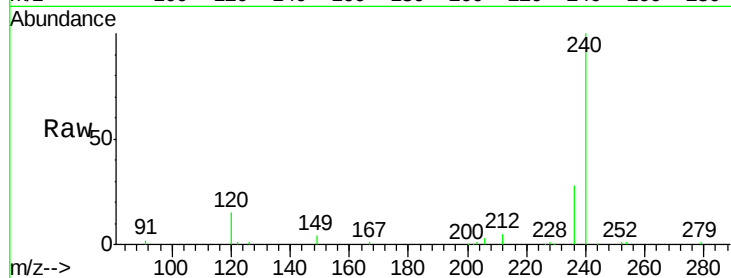
Tgt Ion:240 Resp: 21959

Ion Ratio Lower Upper

240 100

120 14.9 5.5 8.3#

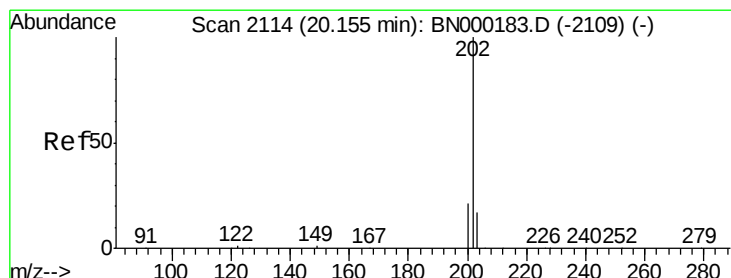
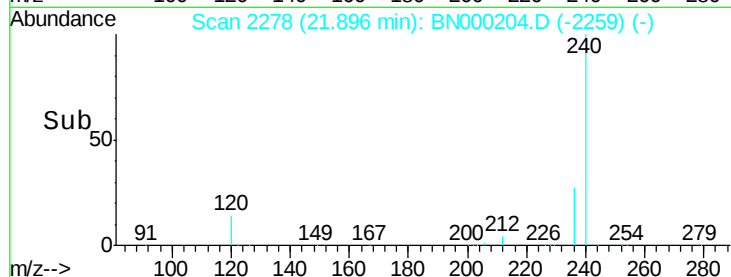
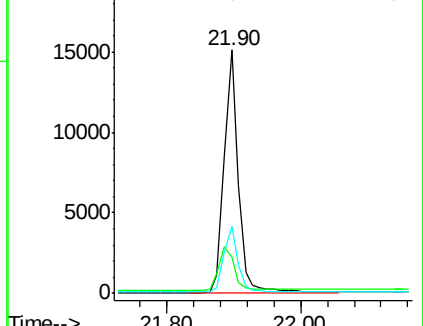
236 27.7 20.7 31.1



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: 0.001 ng

RT: 20.15 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

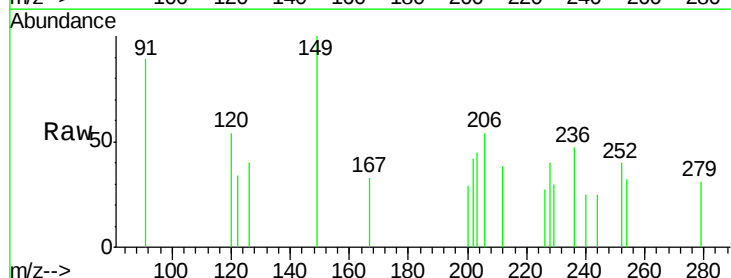
Tgt Ion:202 Resp: 63

Ion Ratio Lower Upper

202 100

200 27.0 16.6 25.0#

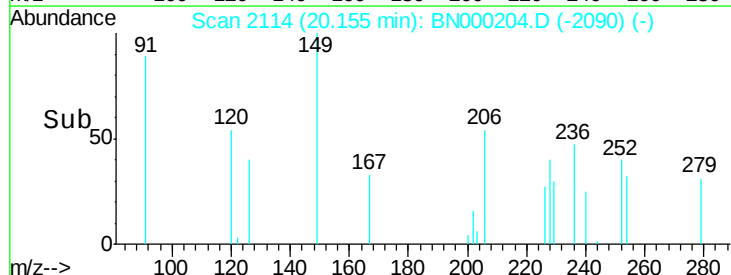
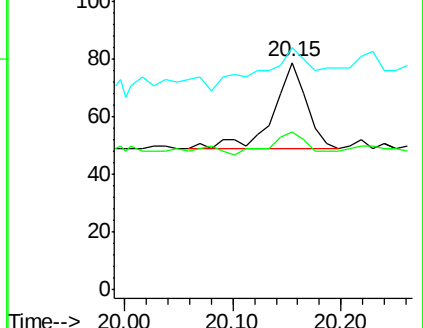
203 81.0 13.8 20.8#

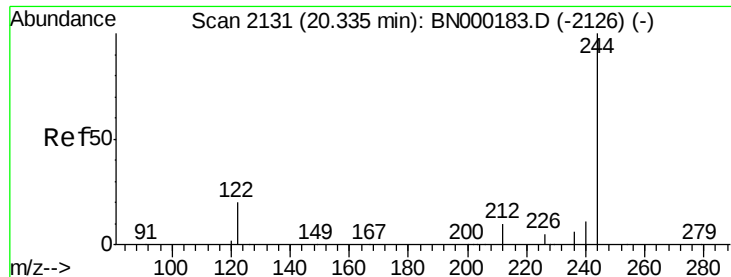


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.452 ng

RT: 20.34 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

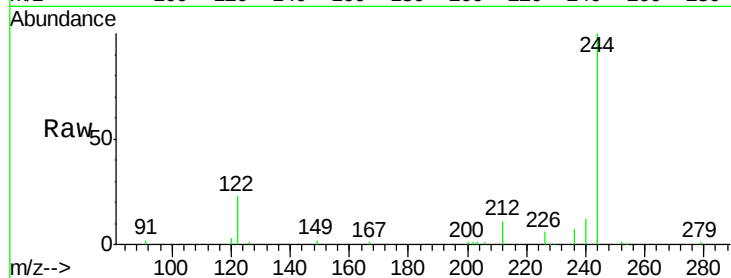
Tgt Ion:244 Resp: 17436

Ion Ratio Lower Upper

244 100

212 11.3 25.4 38.0#

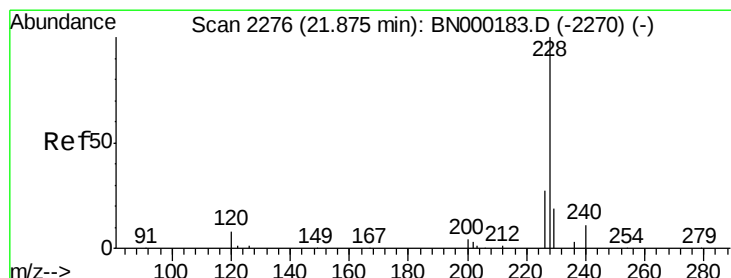
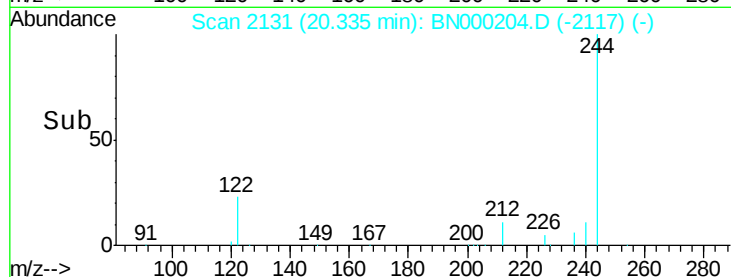
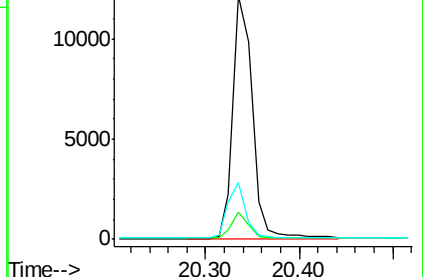
122 23.2 8.1 12.1#



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: 0.002 ng

RT: 21.89 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

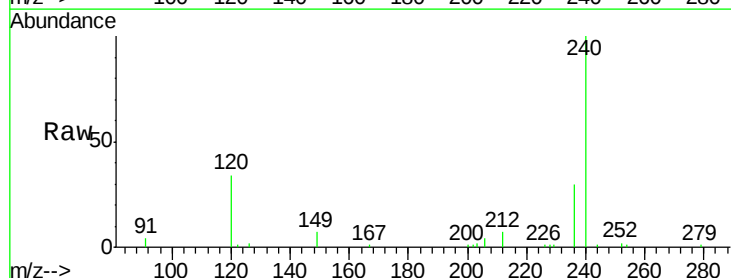
Tgt Ion:228 Resp: 128

Ion Ratio Lower Upper

228 100

226 59.6 24.0 36.0#

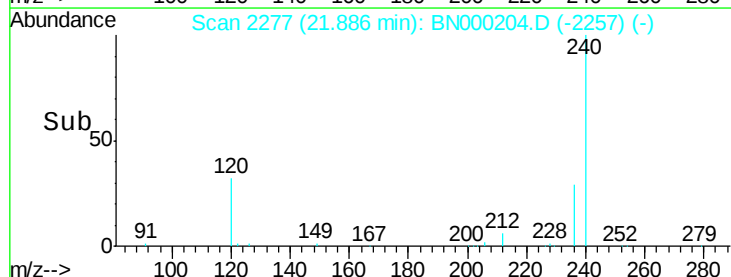
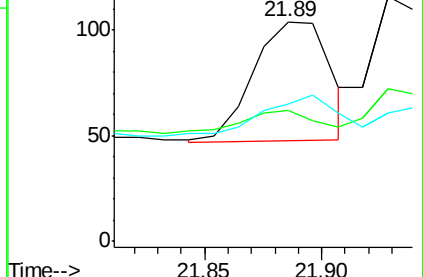
229 62.5 16.0 24.0#

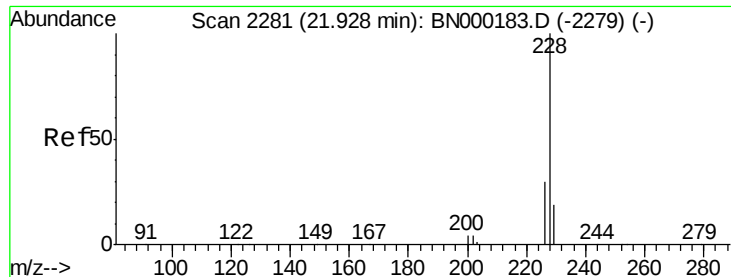


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.001 ng

RT: 21.93 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

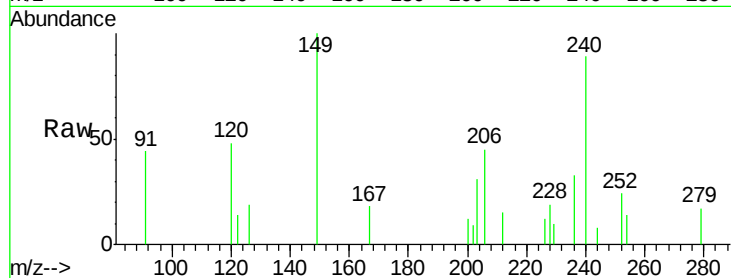
Tgt Ion:228 Resp: 114

Ion Ratio Lower Upper

228 100

226 62.1 24.0 36.0#

229 52.6 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.93

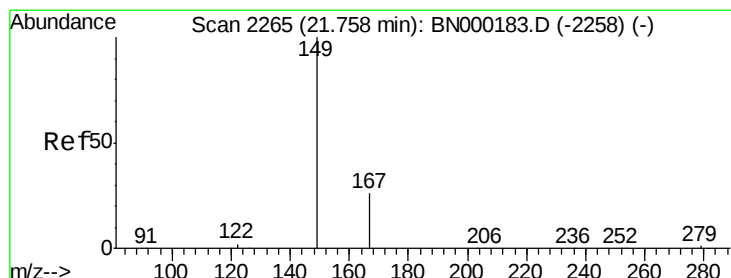
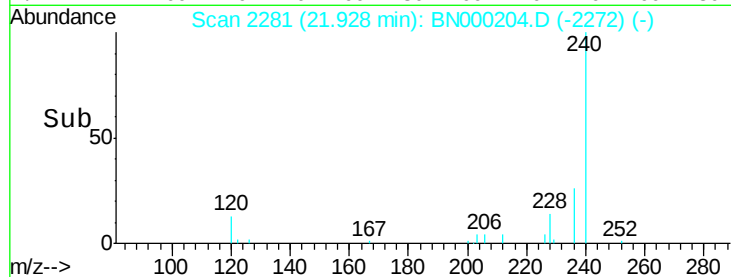
100

50

0

21.90 21.95 22.00

Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.014 ng

RT: 21.76 min Scan# 2265

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

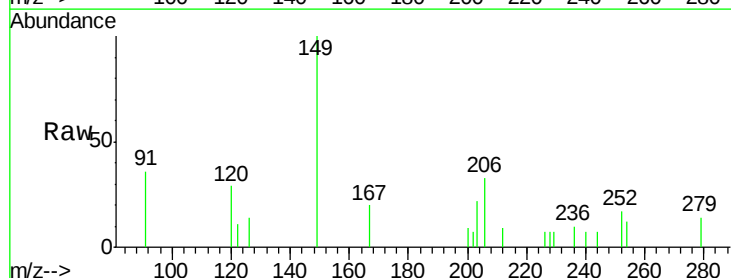
Tgt Ion:149 Resp: 359

Ion Ratio Lower Upper

149 100

167 18.9 20.0 30.0#

279 7.2 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

21.76

1000

800

600

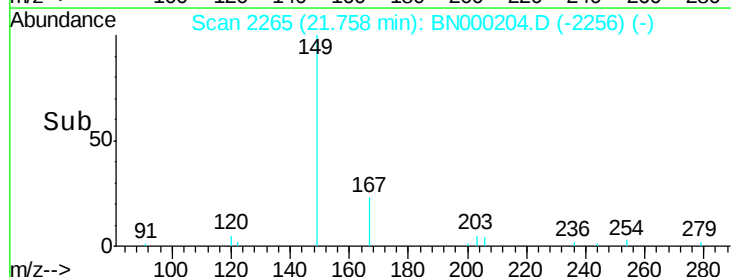
400

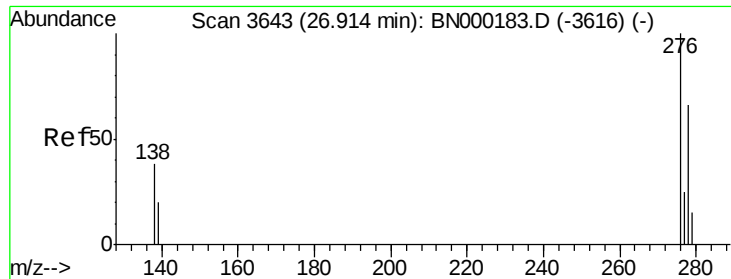
200

0

21.70 21.75 21.80

Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.93 min Scan# 3648

Delta R.T. 0.02 min

Lab File: BN000204.D

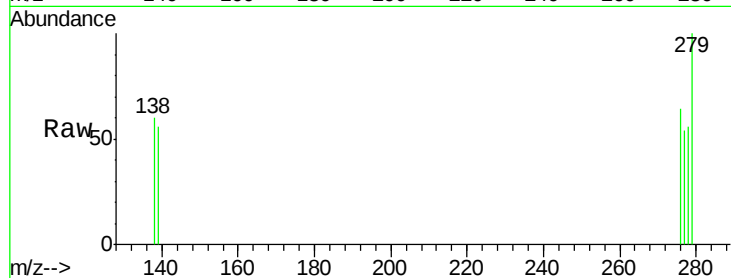
Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2



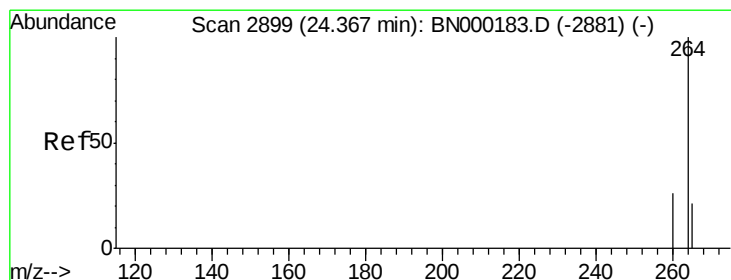
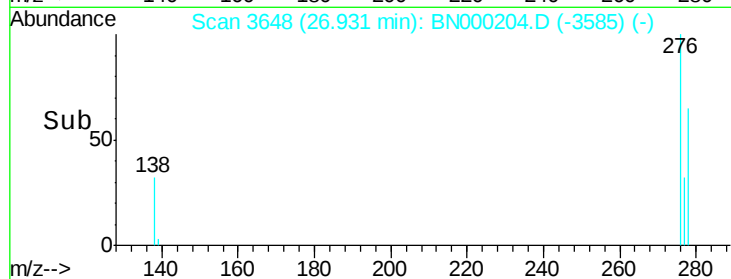
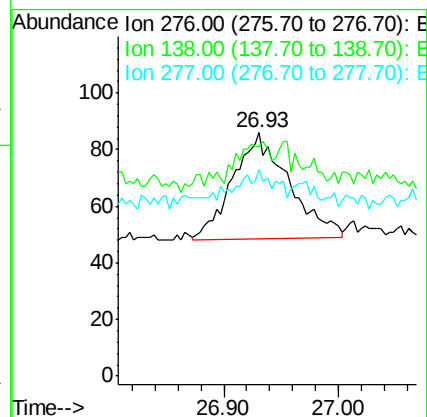
Tgt Ion:276 Resp: 128

Ion Ratio Lower Upper

276 100

138 21.1 22.5 33.7#

277 6.3 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.37 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

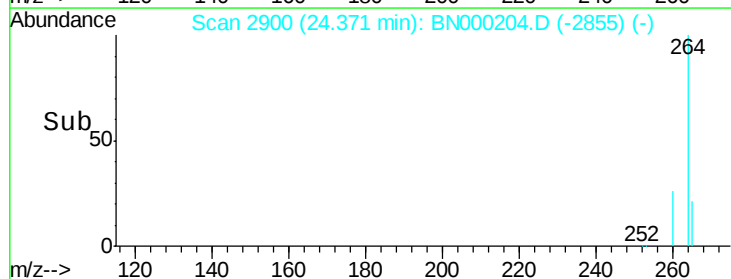
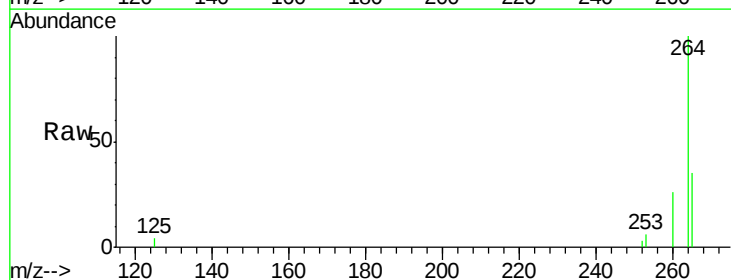
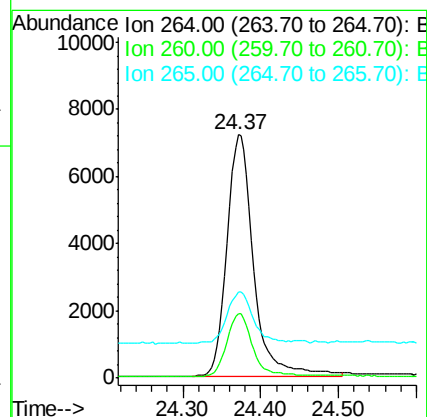
Tgt Ion:264 Resp: 17042

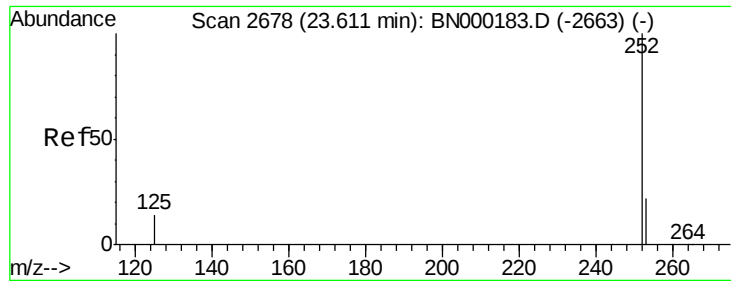
Ion Ratio Lower Upper

264 100

260 26.3 20.5 30.7

265 35.4 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 23.62 min Scan# 2680

Delta R.T. 0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampled :

MDL-W-BL-2

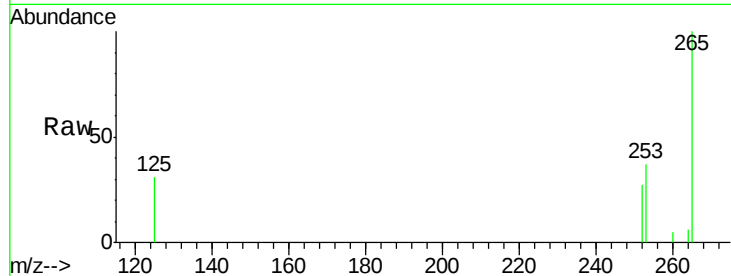
Tgt Ion:252 Resp: 150

Ion Ratio Lower Upper

252 100

253 136.6 20.0 30.0#

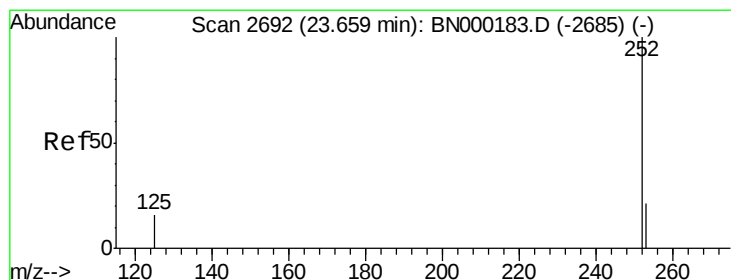
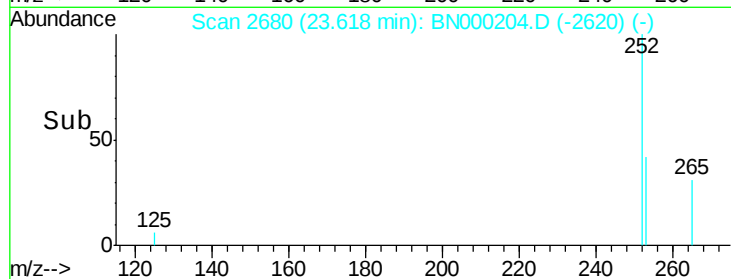
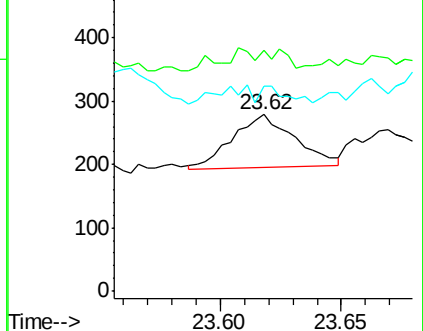
125 115.8 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.002 ng

RT: 23.67 min Scan# 2695

Delta R.T. 0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

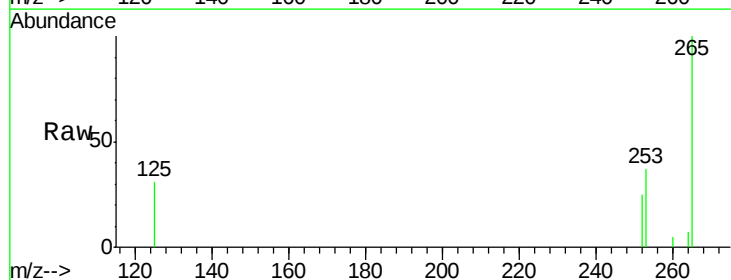
Tgt Ion:252 Resp: 123

Ion Ratio Lower Upper

252 100

253 145.3 16.0 24.0#

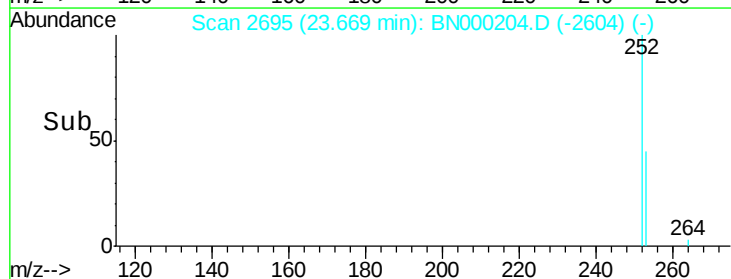
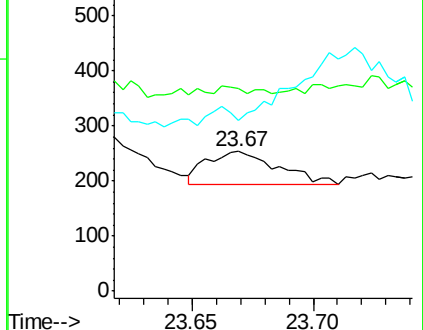
125 122.4 8.0 12.0#

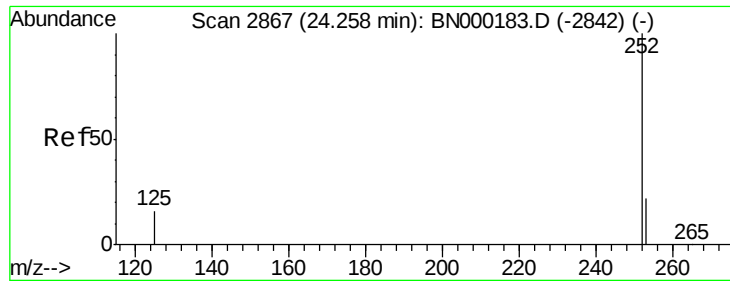


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 24.25 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2

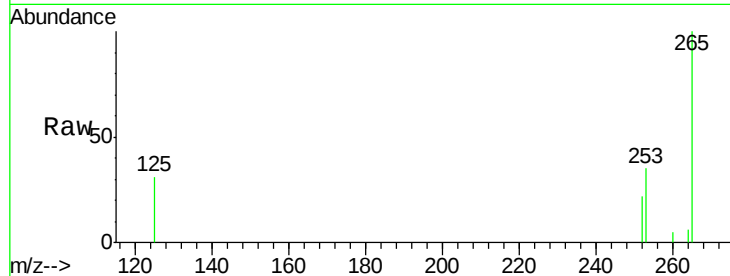
Tgt Ion: 252 Resp: 30

Ion Ratio Lower Upper

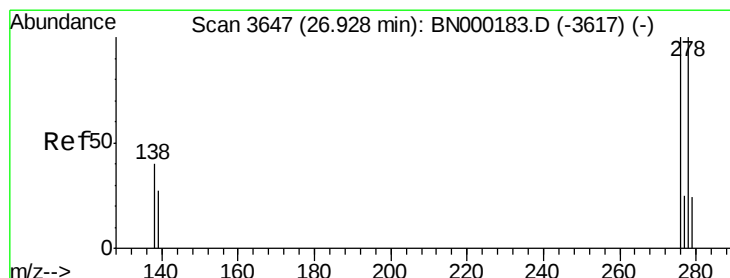
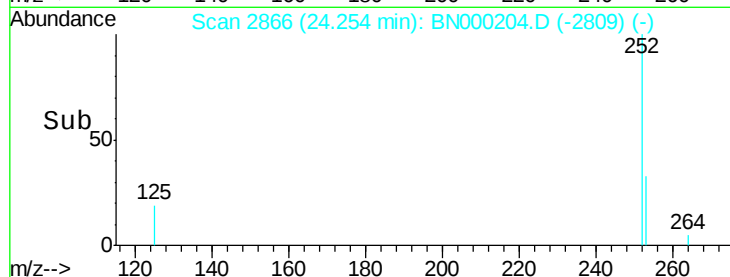
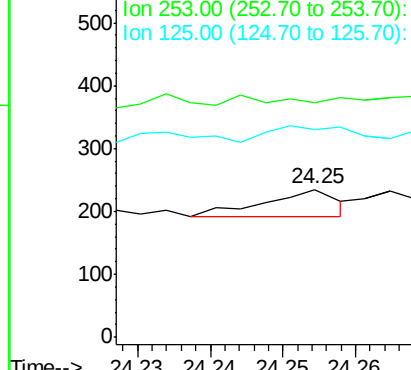
252 100

253 158.7 16.0 24.0#

125 140.4 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: 0.001 ng

RT: 26.94 min Scan# 3651

Delta R.T. 0.01 min

Lab File: BN000204.D

Acq: 28 Feb 2018 16:35

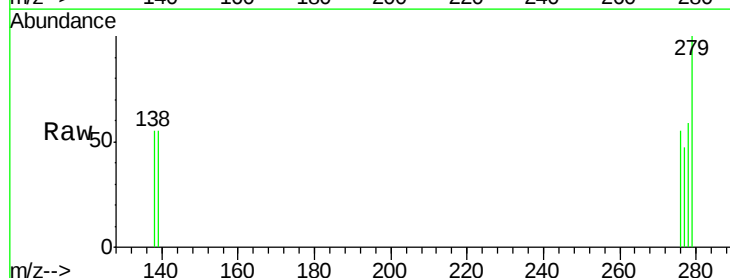
Tgt Ion: 278 Resp: 60

Ion Ratio Lower Upper

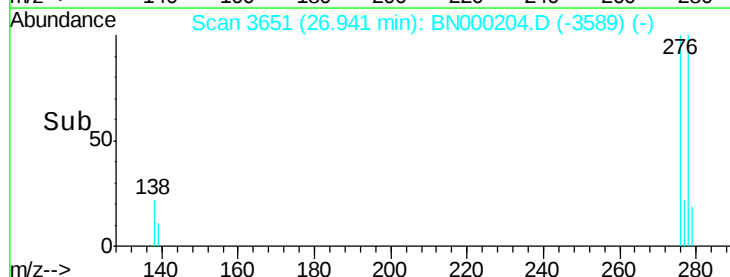
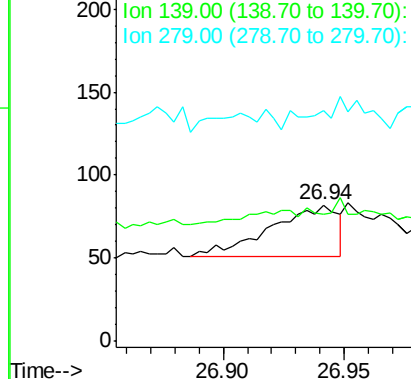
278 100

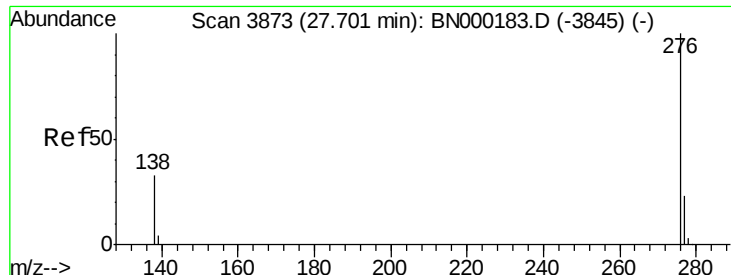
139 92.7 16.0 24.0#

279 169.5 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: 0.002 ng

RT: 27.71 min Scan# 3876

Delta R.T. 0.01 min

Lab File: BN000204.D

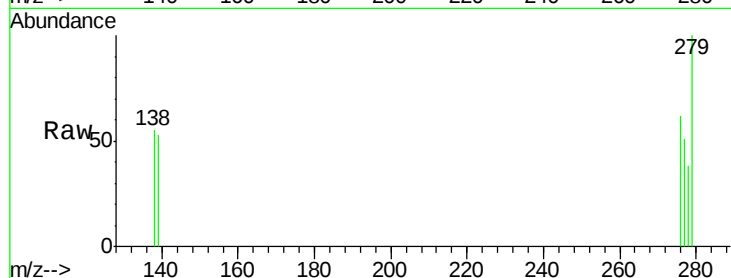
Acq: 28 Feb 2018 16:35

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-2



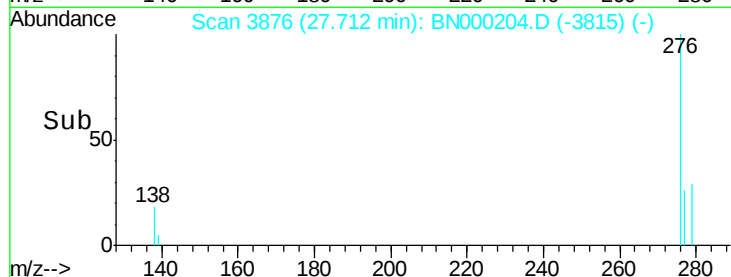
Tgt Ion: 276 Resp: 138

Ion Ratio Lower Upper

276 100

277 82.6 16.0 24.0#

138 89.5 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

