

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
 Data File : BN000208.D
 Acq On : 01 Mar 2018 09:23
 Operator : JU/SJ
 Sample : MDL-W-BL-3
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-3

Quant Time: Mar 01 16:56:00 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	4075	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	16118	0.40	ng	0.00
13) Acenaphthene-d10	15.05	164	8542	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	22281	0.40	ng	0.00
27) Chrysene-d12	21.90	240	18384	0.40	ng	0.00
34) Perylene-d12	24.37	264	14792	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.93	112	3450	0.40	ng	0.00
5) Phenol-d6	7.57	99	4199	0.38	ng	0.00
8) Nitrobenzene-d5	9.63	82	3516	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	10052	0.41	ng	0.00
14) 2,4,6-Tribromophenol	16.53	330	971	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	15364	0.38	ng	0.00
25) Fluoranthene-d10	19.77	212	23147	0.39	ng	0.00
29) Terphenyl-d14	20.33	244	13679	0.42	ng	0.00

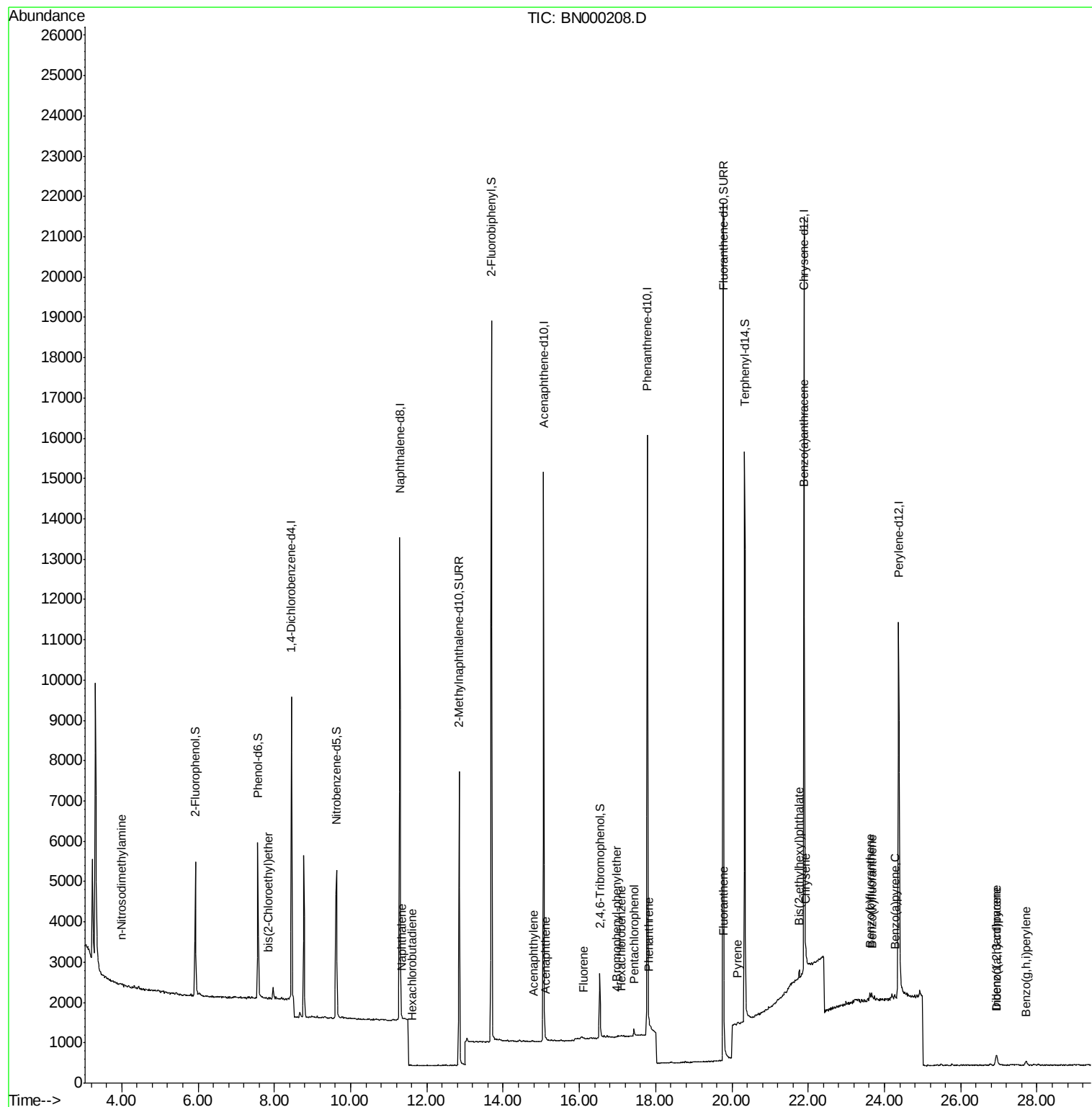
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.99	42	20	0.106	ng	# 58
6) bis(2-Chloroethyl)ether	7.85	93	12	0.001	ng	# 17
9) Naphthalene	11.34	128	37	0.001	ng	# 1
10) Hexachlorobutadiene	11.62	225	3	0.000	ng	# 59
16) Acenaphthylene	14.79	152	20	0.000	ng	# 33
17) Acenaphthene	15.13	154	10	0.000	ng	# 68
18) Fluorene	16.10	166	35	0.001	ng	# 74
20) 4-Bromophenyl-phenylether	16.97	248	3	0.000	ng	# 46
21) Hexachlorobenzene	17.10	284	6	0.000	ng	# 1
22) Pentachlorophenol	17.43	266	129	0.119	ng	# 77
23) Phenanthrene	17.82	178	71	0.001	ng	# 61
26) Fluoranthene	19.80	202	57	0.001	ng	# 86
28) Pyrene	20.15	202	57	0.001	ng	# 65
30) Benzo(a)anthracene	21.89	228	193	0.003	ng	# 47
31) Chrysene	21.94	228	159	0.002	ng	# 52
32) Bis(2-ethylhexyl)phthalate	21.77	149	268	0.012	ng	# 93
33) Indeno(1,2,3-cd)pyrene	26.93	276	313	0.005	ng	# 79
35) Benzo(b)fluoranthene	23.62	252	245	0.004	ng	# 1
36) Benzo(k)fluoranthene	23.67	252	203	0.003	ng	# 1
37) Benzo(a)pyrene	24.27	252	99	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	26.95	278	326	0.007	ng	# 1
39) Benzo(g,h,i)perylene	27.70	276	100	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: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

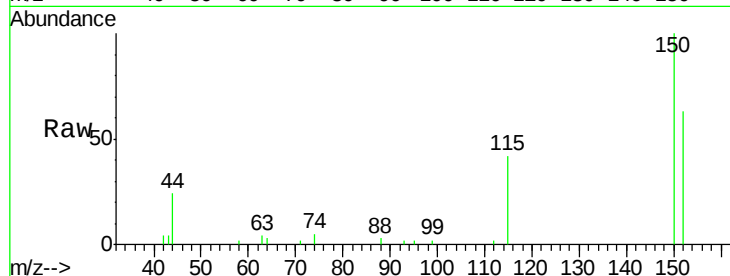
Tgt Ion: 152 Resp: 4075

Ion Ratio Lower Upper

152 100

150 157.9 117.2 175.8

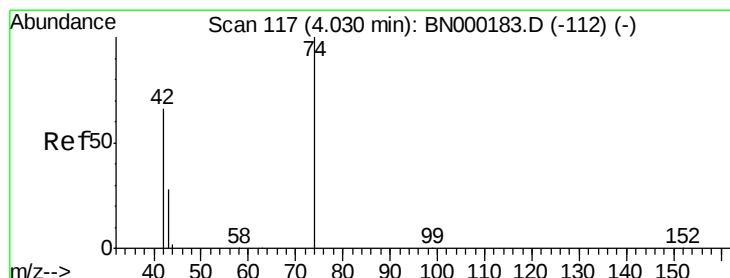
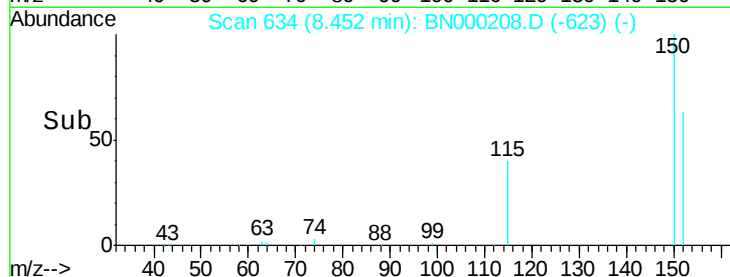
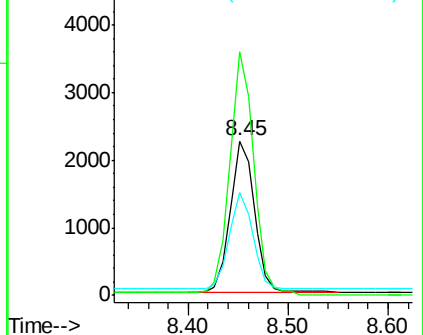
115 66.9 57.0 85.6



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



#3

n-Nitrosodimethylamine

Concen: 0.106 ng

RT: 3.99 min Scan# 112

Delta R.T. -0.04 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

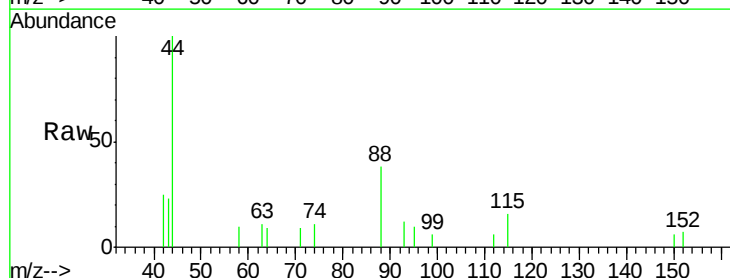
Tgt Ion: 42 Resp: 20

Ion Ratio Lower Upper

42 100

74 95.0 120.0 180.0#

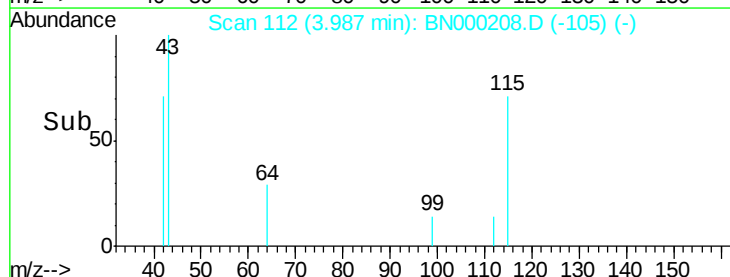
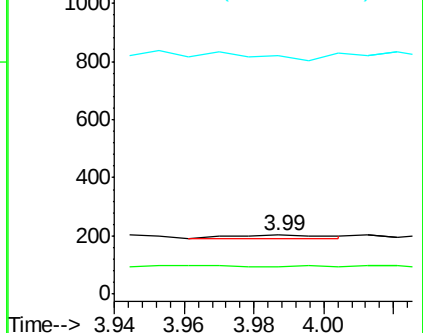
44 0.0 4.0 6.0#

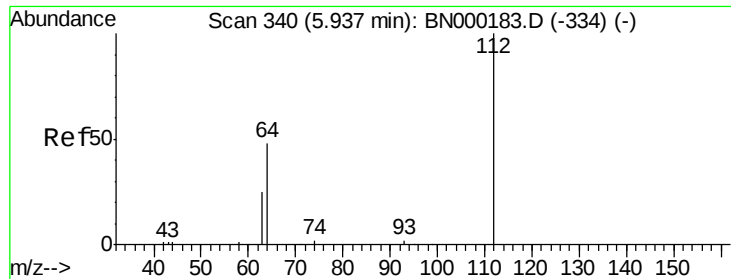


Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC





#4

2-Fluorophenol

Concen: 0.401 ng

RT: 5.93 min Scan# 339

Delta R.T. -0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

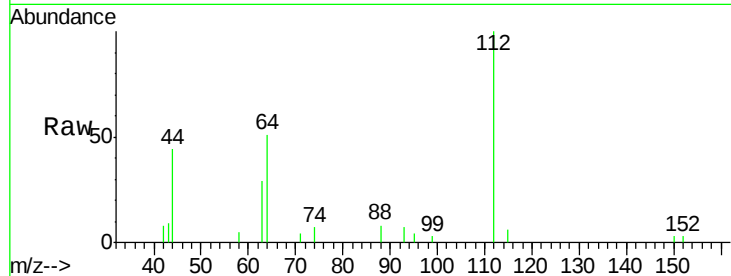
Tgt Ion: 112 Resp: 3450

Ion Ratio Lower Upper

112 100

64 52.7 60.1 90.1#

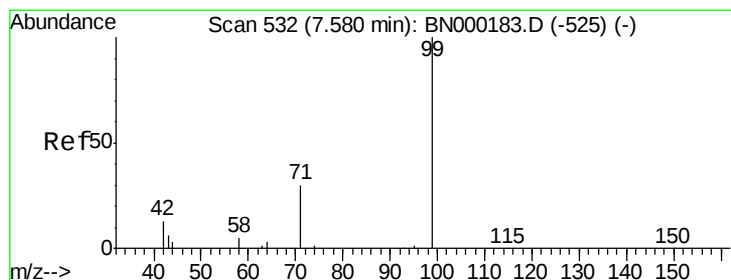
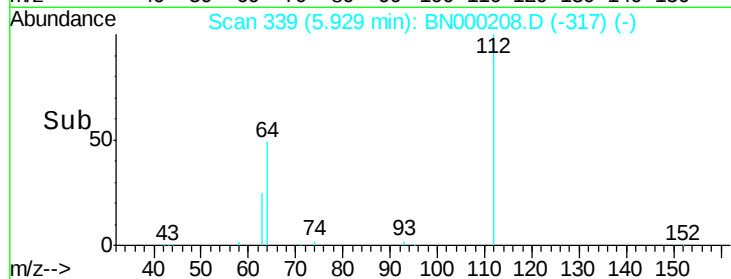
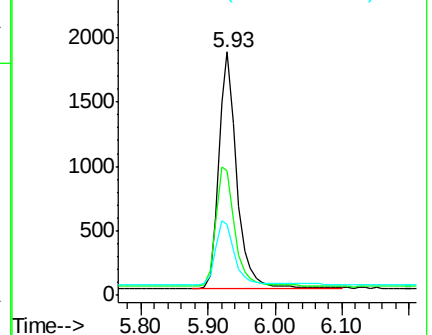
63 28.5 116.8 175.2#



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.384 ng

RT: 7.57 min Scan# 531

Delta R.T. -0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

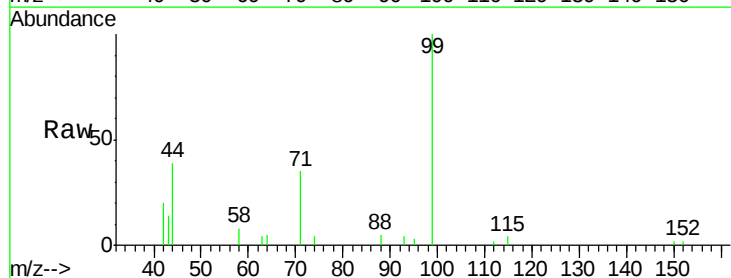
Tgt Ion: 99 Resp: 4199

Ion Ratio Lower Upper

99 100

42 15.4 20.2 30.2#

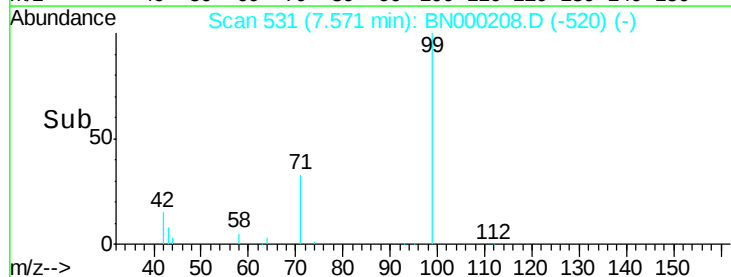
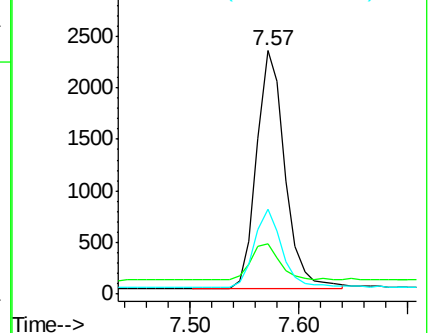
71 31.6 28.4 42.6

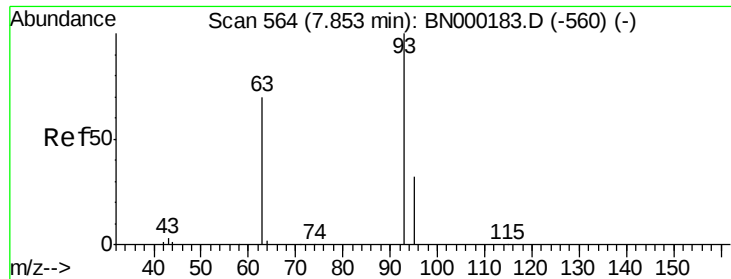


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#6

bis(2-Chloroethyl)ether

Concen: 0.001 ng

RT: 7.85 min Scan# 564

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

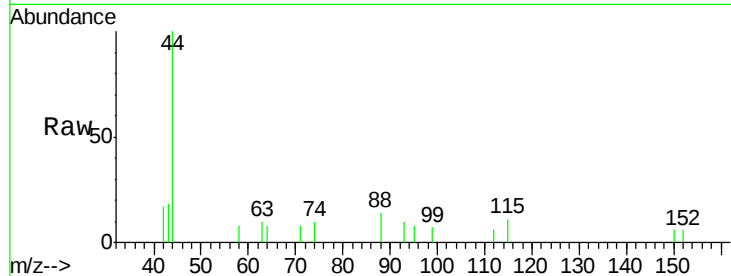
Tgt Ion: 93 Resp: 12

Ion Ratio Lower Upper

93 100

63 0.0 56.0 84.0#

95 75.0 25.2 37.8#

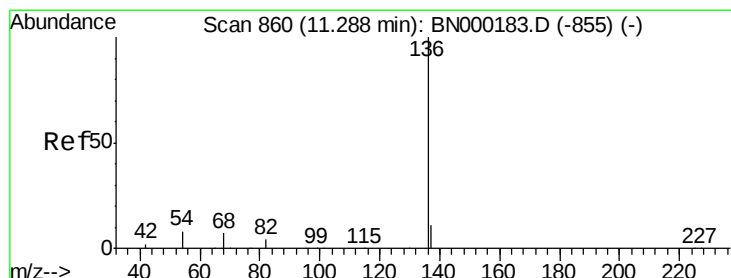
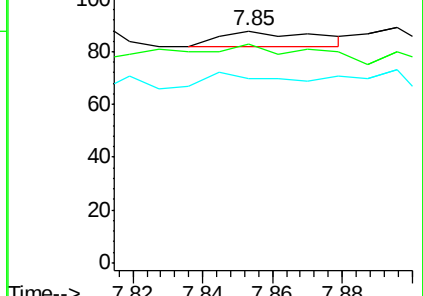
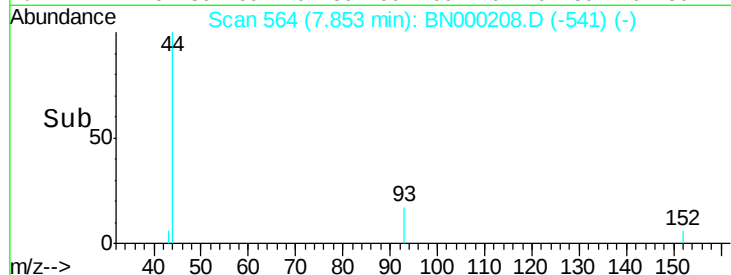


Abundance Ion 93.00 (92.70 to 93.70): BN000208.D (-541) (-)

Ion 63.00 (62.70 to 63.70): BN000208.D (-541) (-)

Ion 95.00 (94.70 to 95.70): BN000208.D (-541) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 860

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Tgt Ion: 136 Resp: 16118

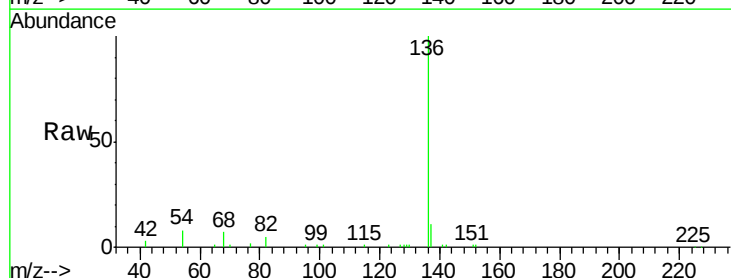
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 8.2 29.1 43.7#

68 7.5 6.2 9.2



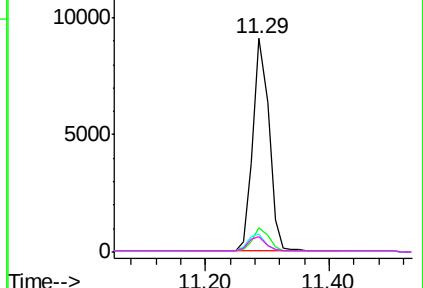
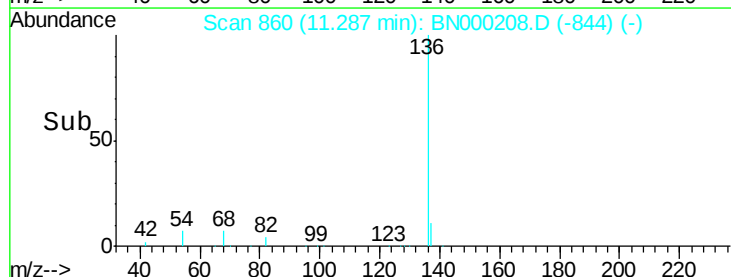
Abundance Ion 136.00 (135.70 to 136.70): BN000208.D (-844) (-)

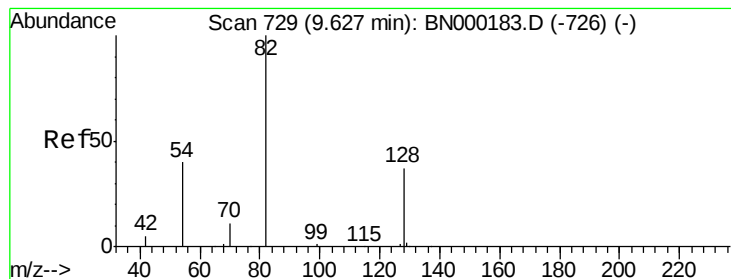
Ion 137.00 (136.70 to 137.70): BN000208.D (-844) (-)

Ion 54.00 (53.70 to 54.70): BN000208.D (-844) (-)

Ion 68.00 (67.70 to 68.70): BN000208.D (-844) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 9.63 min Scan# 729

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

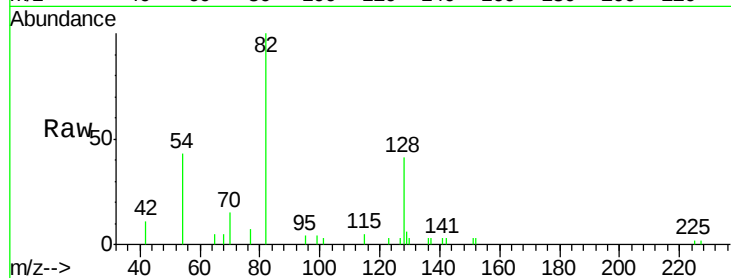
Tgt Ion: 82 Resp: 3516

Ion Ratio Lower Upper

82 100

128 41.2 150.0 225.0#

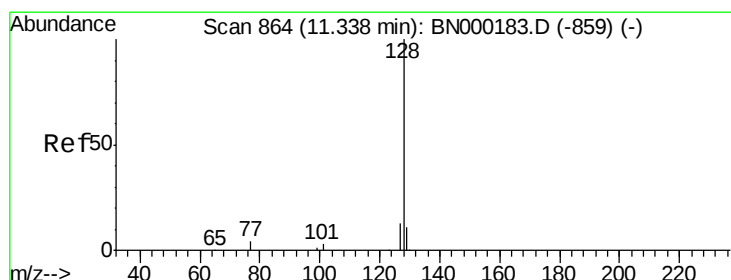
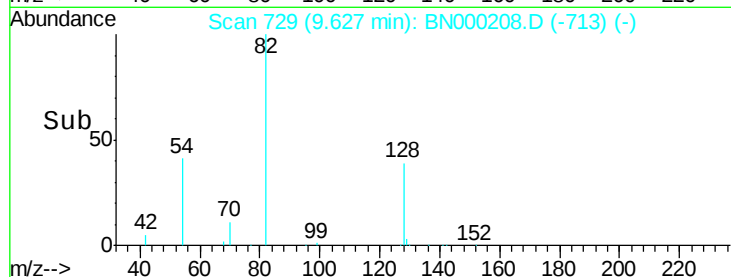
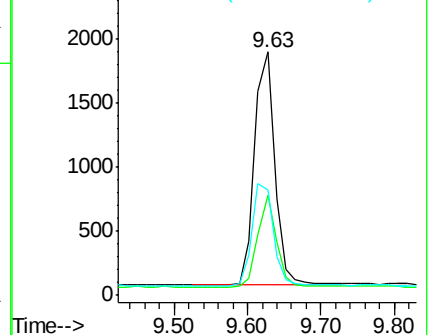
54 43.2 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

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: BN000208.D

Acq: 01 Mar 2018 09:23

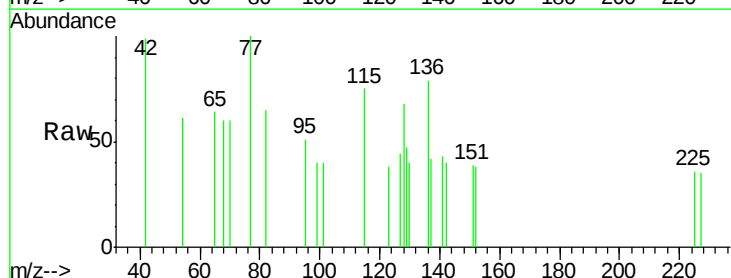
Tgt Ion: 128 Resp: 37

Ion Ratio Lower Upper

128 100

129 69.3 8.0 12.0#

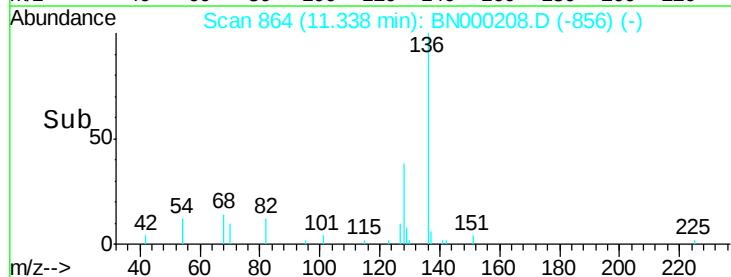
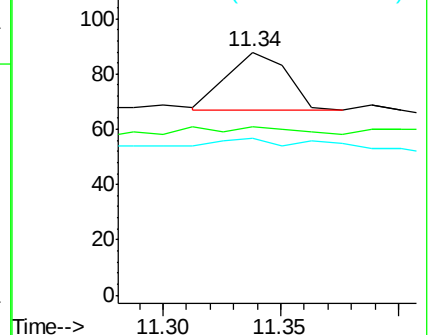
127 64.8 9.6 14.4#

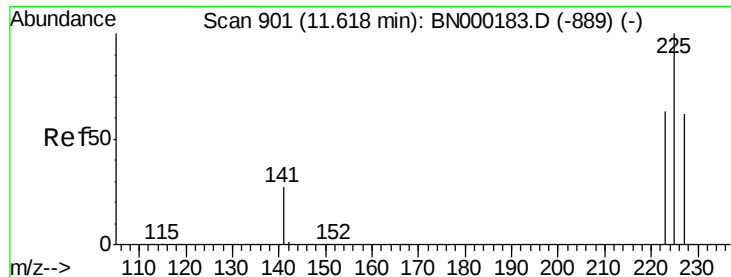


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC

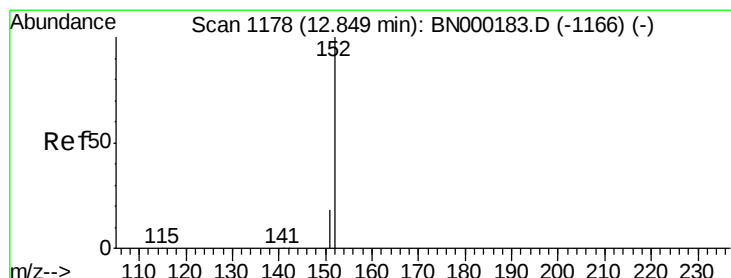
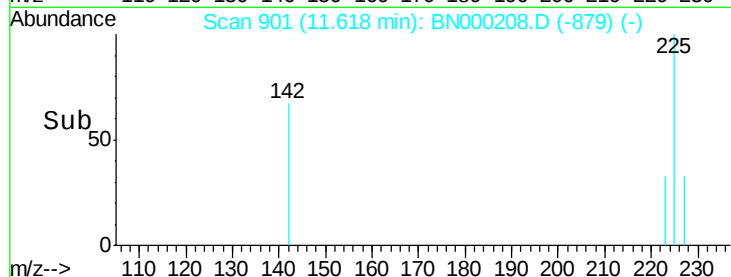
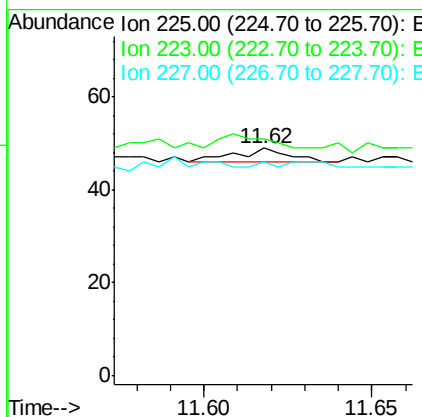
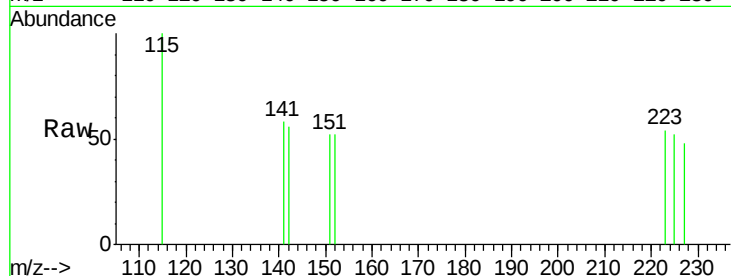




#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.62 min Scan# 901
Delta R.T. -0.00 min
Lab File: BN000208.D
Acq: 01 Mar 2018 09:23

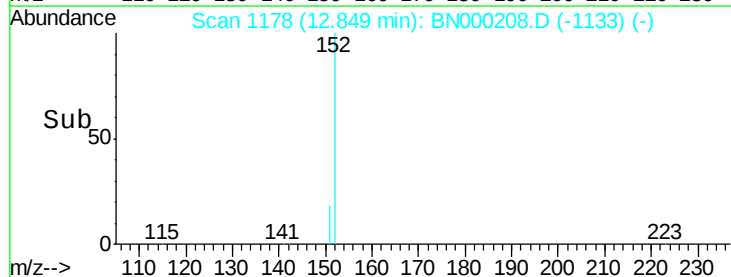
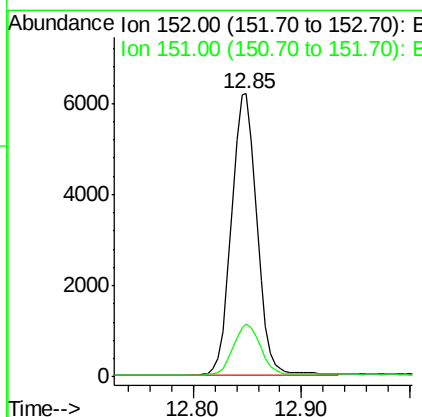
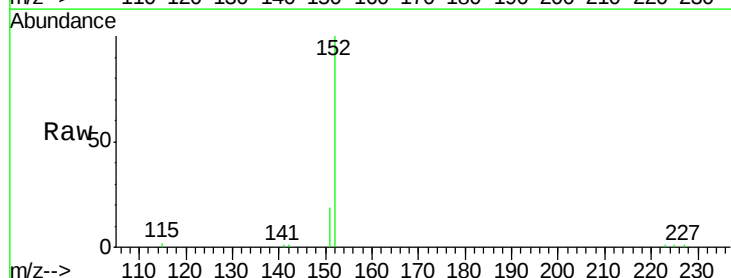
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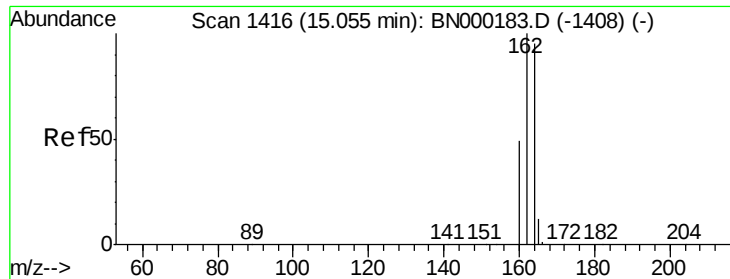
Tgt Ion: 225 Resp: 3
Ion Ratio Lower Upper
225 100
223 100.0 53.0 79.6#
227 33.3 51.4 77.2#



#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.85 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN000208.D
Acq: 01 Mar 2018 09:23

Tgt Ion: 152 Resp: 10052
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.05 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

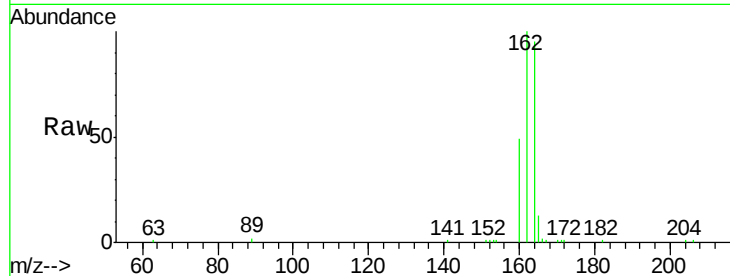
Tgt Ion:164 Resp: 8542

Ion Ratio Lower Upper

164 100

162 105.2 83.1 124.7

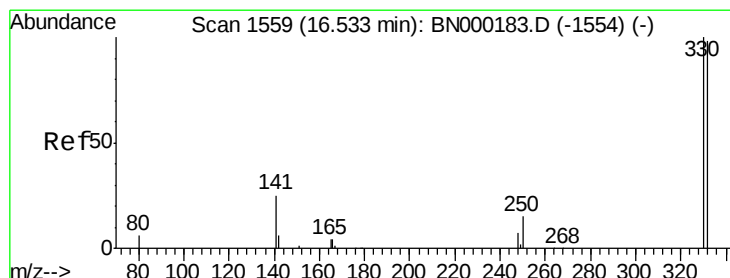
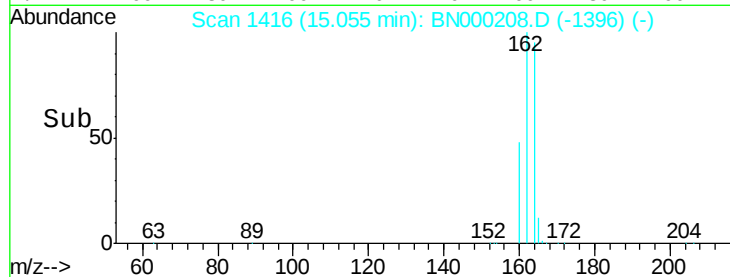
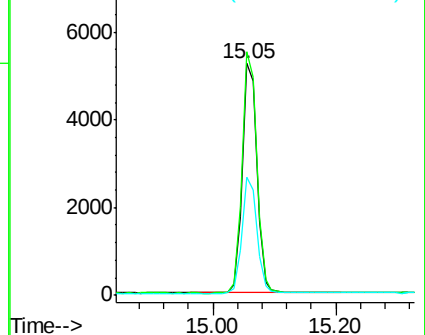
160 51.2 37.1 55.7



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: 0.358 ng

RT: 16.53 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

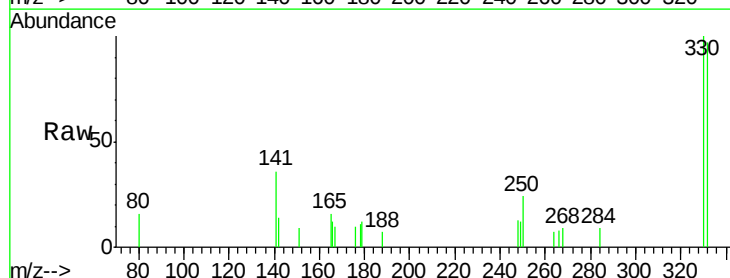
Tgt Ion:330 Resp: 971

Ion Ratio Lower Upper

330 100

332 97.8 152.7 229.1#

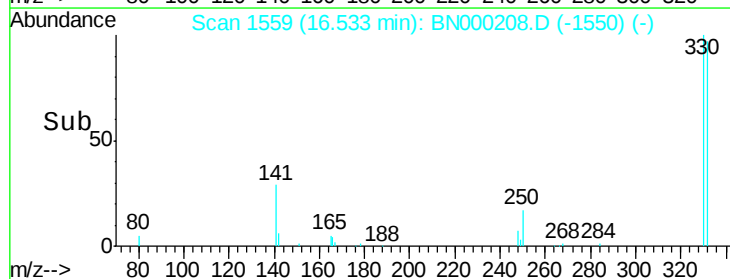
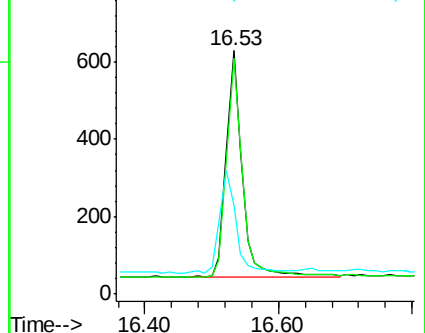
141 45.7 33.7 50.5

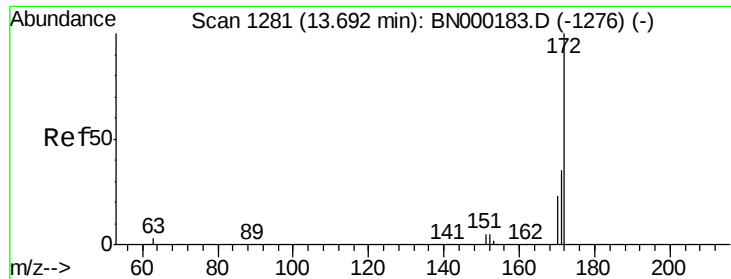


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

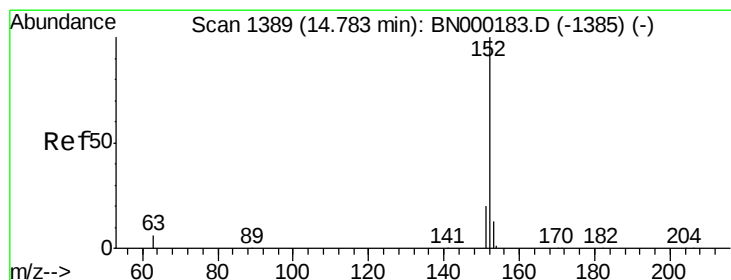
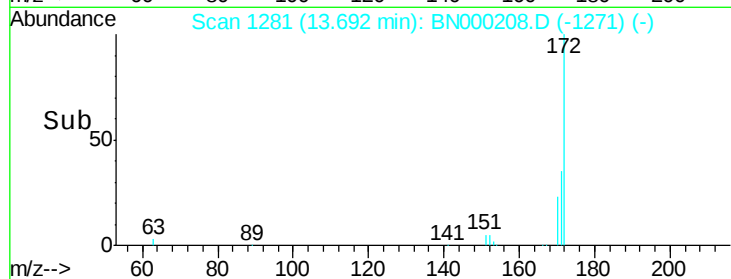
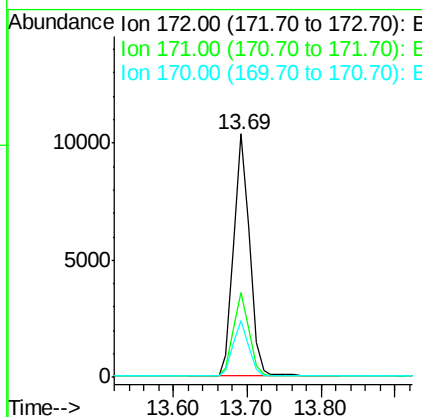
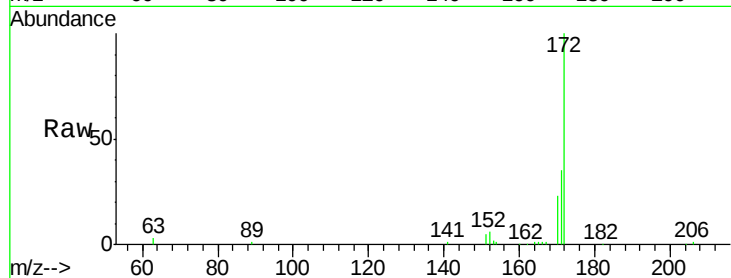




#15
 2-Fluorobiphenyl
 Concen: 0.379 ng
 RT: 13.69 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

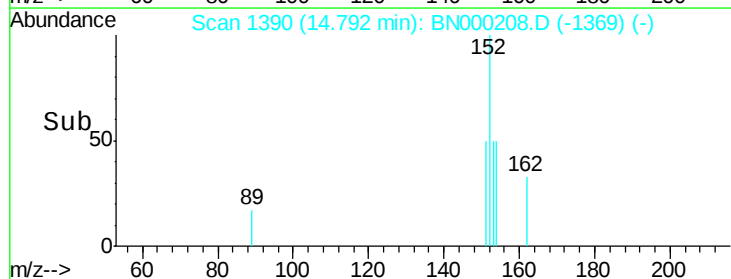
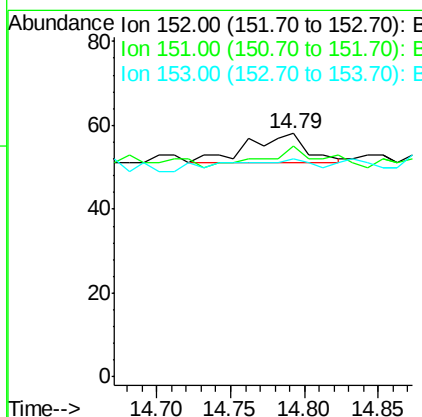
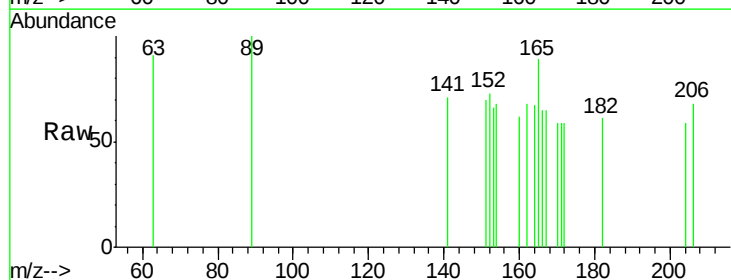
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-3

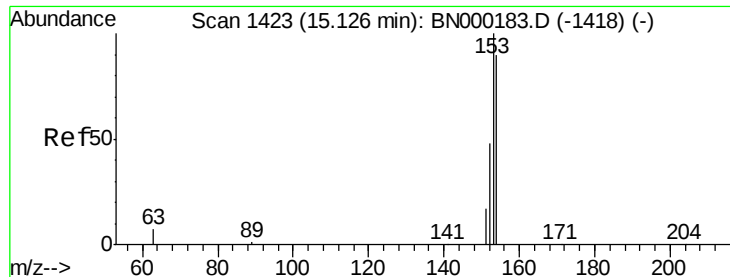
Tgt Ion:172 Resp: 15364
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.9 44.9
 170 23.4 21.8 32.8



#16
 Acenaphthylene
 Concen: 0.000 ng
 RT: 14.79 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

Tgt Ion:152 Resp: 20
 Ion Ratio Lower Upper
 152 100
 151 65.0 15.7 23.5#
 153 20.0 10.5 15.7#

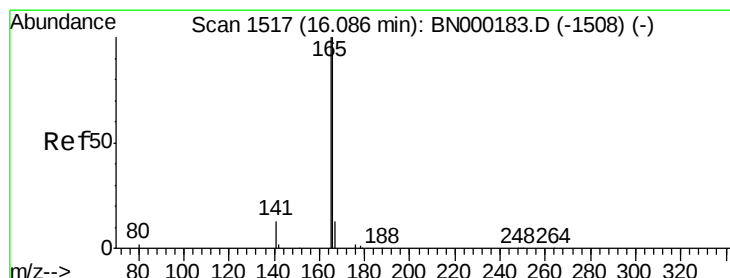
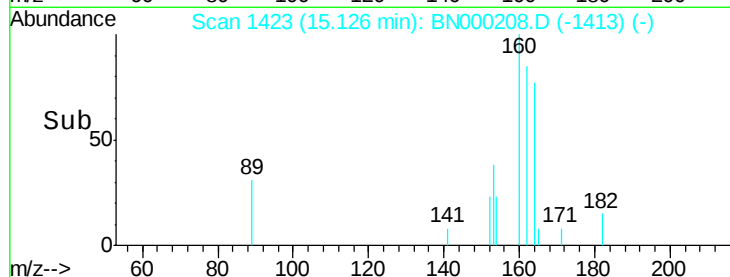
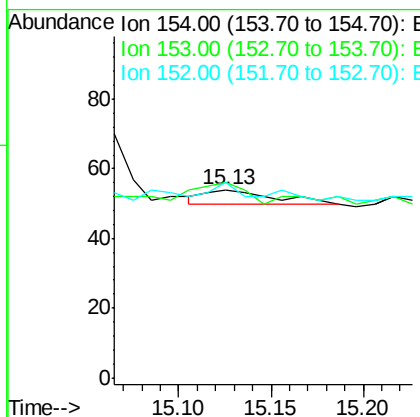
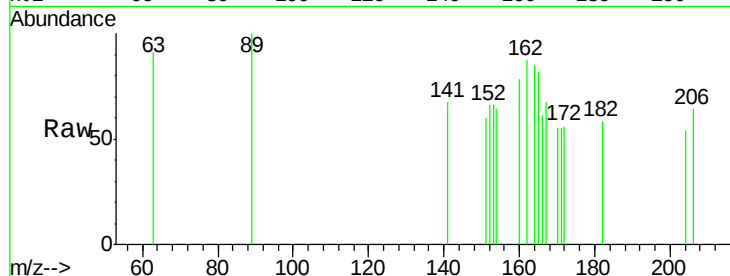




#17
Acenaphthene
Concen: 0.000 ng
RT: 15.13 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN000208.D
Acq: 01 Mar 2018 09:23

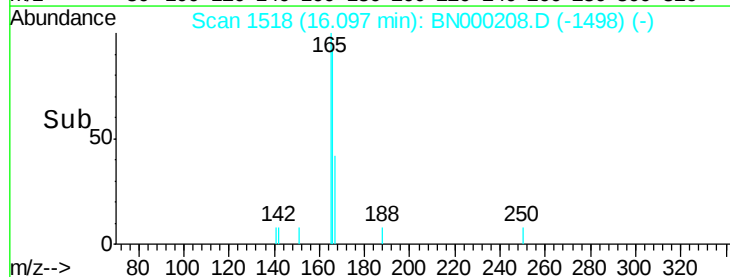
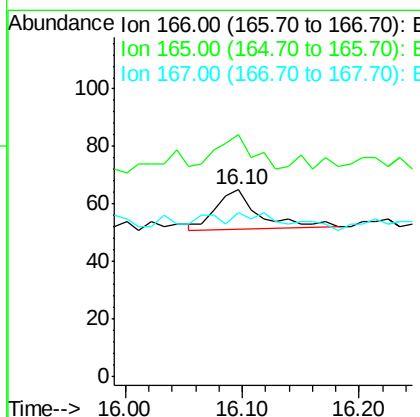
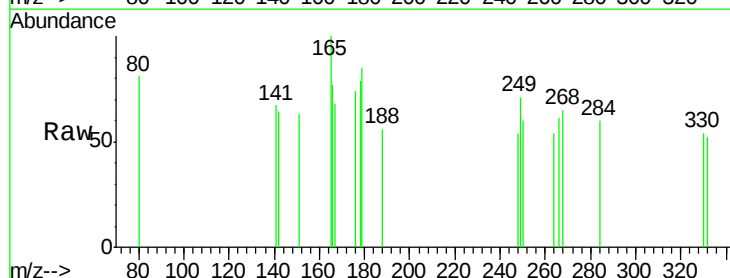
Instrument :
BNA_N
ClientSampleId :
MDL-W-BL-3

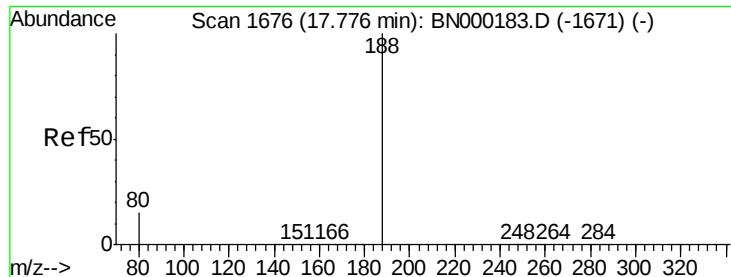
Tgt Ion:154 Resp: 10
Ion Ratio Lower Upper
154 100
153 160.0 89.2 133.8#
152 50.0 42.0 63.0



#18
Fluorene
Concen: 0.001 ng
RT: 16.10 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BN000208.D
Acq: 01 Mar 2018 09:23

Tgt Ion:166 Resp: 35
Ion Ratio Lower Upper
166 100
165 82.9 77.8 116.6
167 20.0 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: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

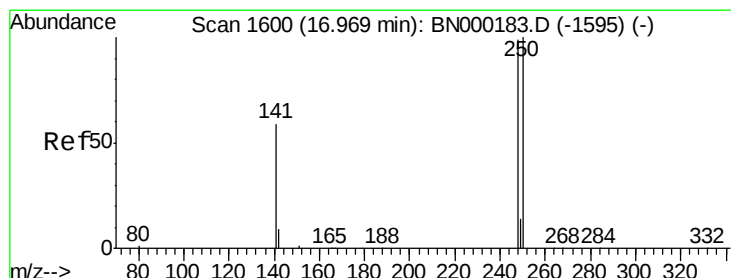
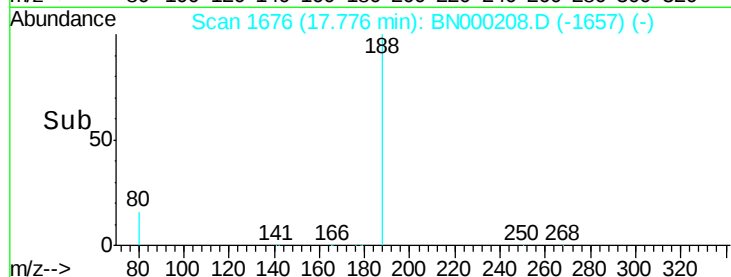
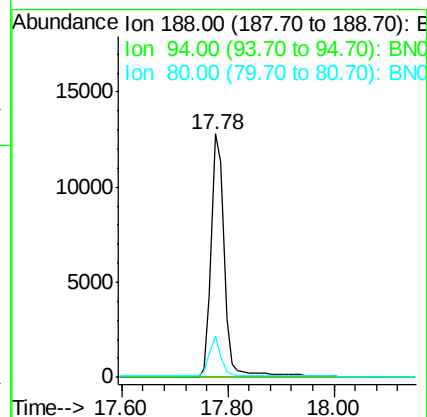
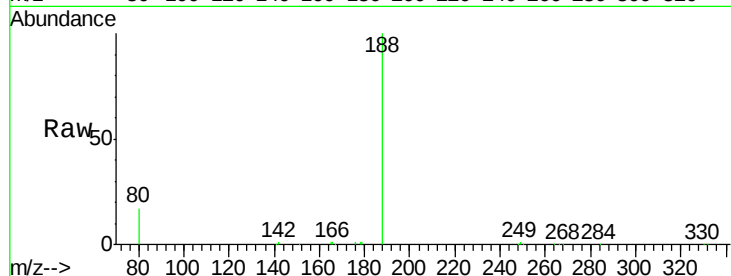
Tgt Ion:188 Resp: 22281

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 16.8 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.97 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

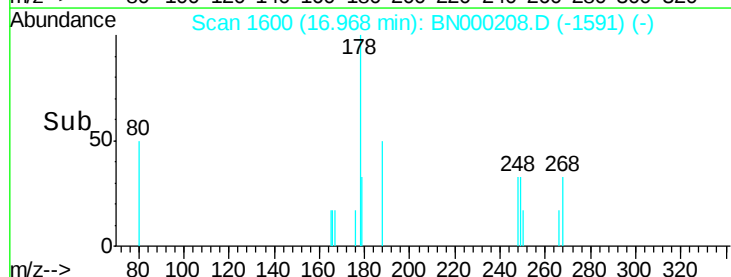
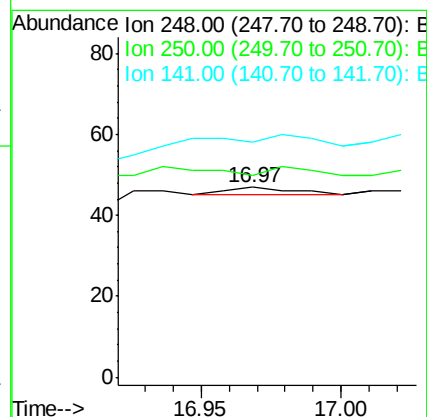
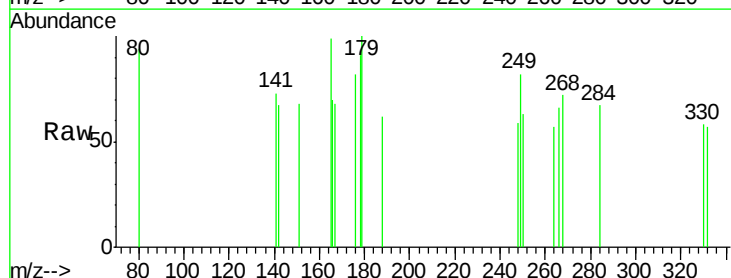
Tgt Ion:248 Resp: 3

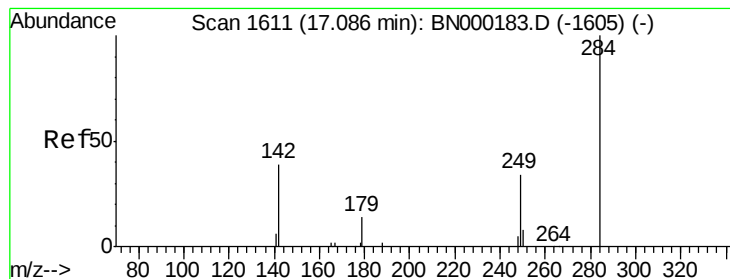
Ion Ratio Lower Upper

248 100

250 106.4 62.7 94.1#

141 123.4 48.2 72.2#





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 17.10 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

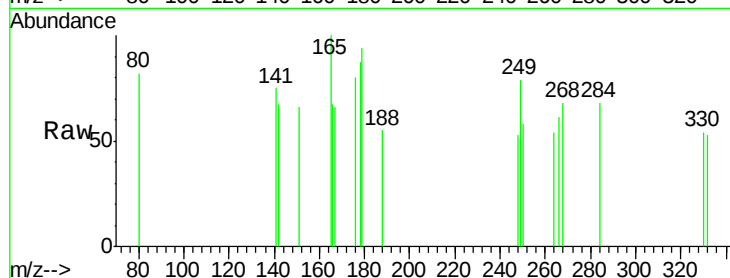
Tgt Ion:284 Resp: 6

Ion Ratio Lower Upper

284 100

142 150.0 32.0 48.0#

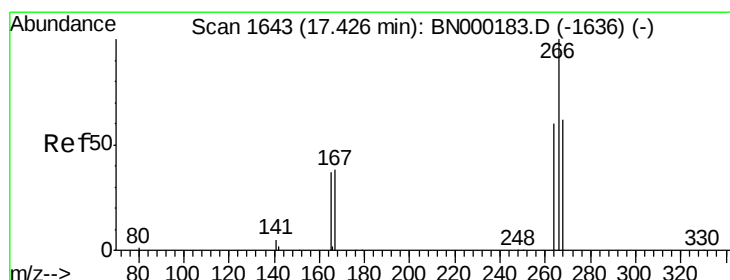
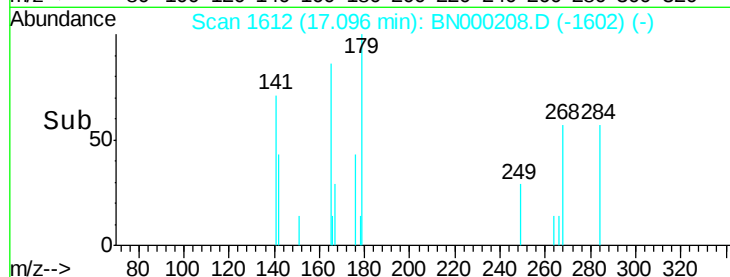
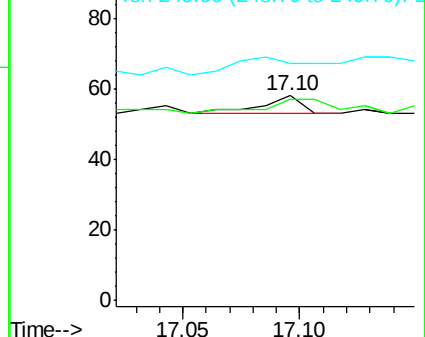
249 183.3 24.0 36.0#



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



#22

Pentachlorophenol

Concen: 0.119 ng

RT: 17.43 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

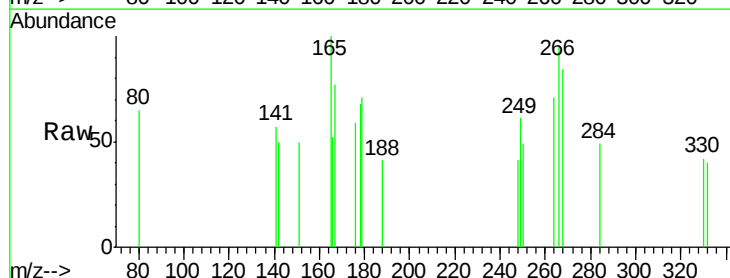
Tgt Ion:266 Resp: 129

Ion Ratio Lower Upper

266 100

264 73.8 48.0 72.0#

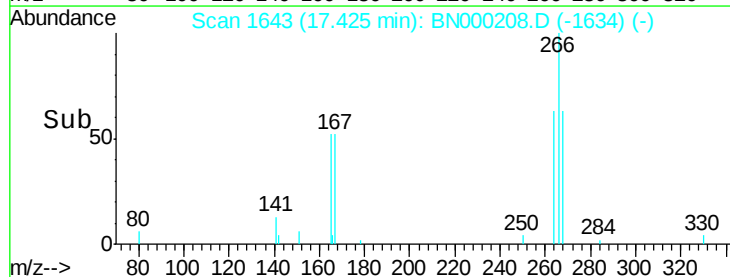
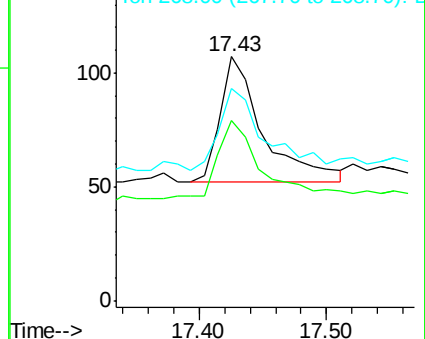
268 86.9 52.0 78.0#

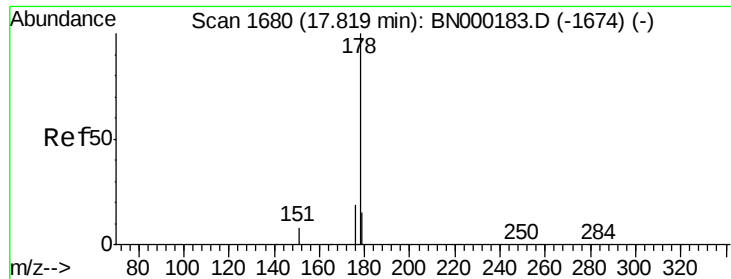


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.001 ng

RT: 17.82 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

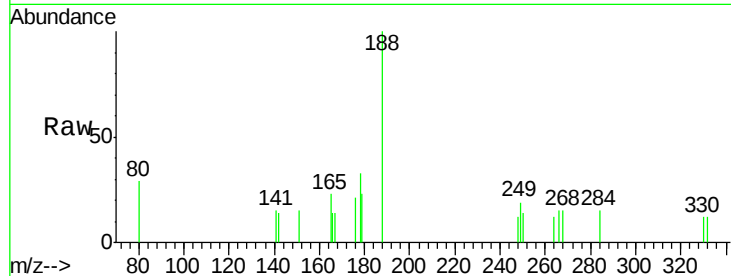
Tgt Ion:178 Resp: 71

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

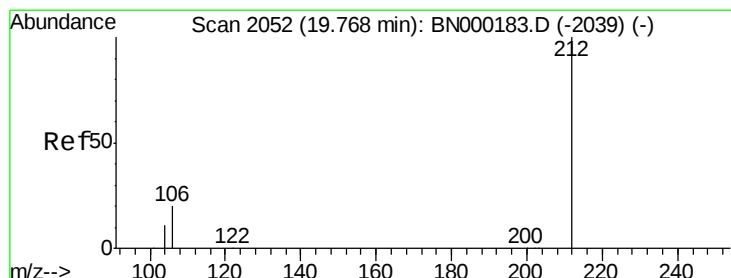
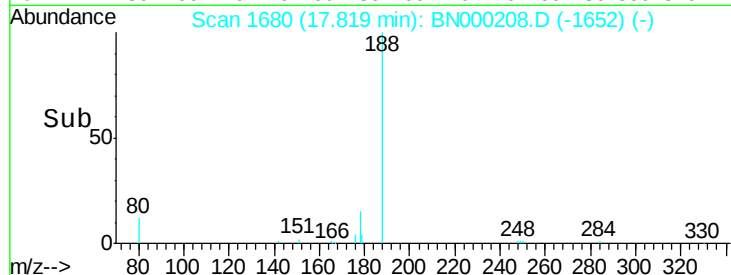
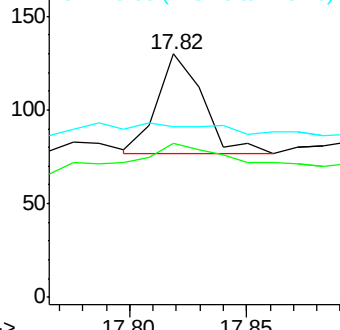
179 0.0 11.8 17.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.389 ng

RT: 19.77 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

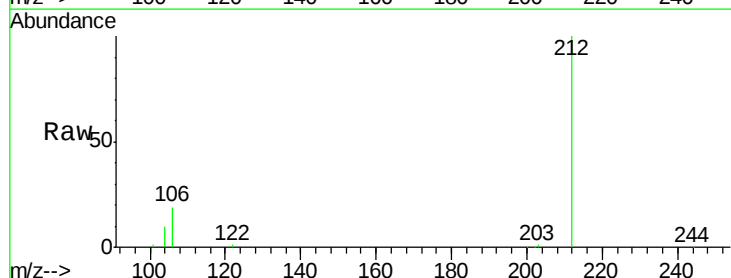
Tgt Ion:212 Resp: 23147

Ion Ratio Lower Upper

212 100

106 19.2 2.8 4.2#

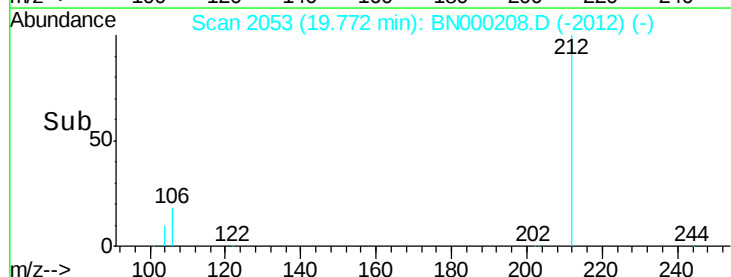
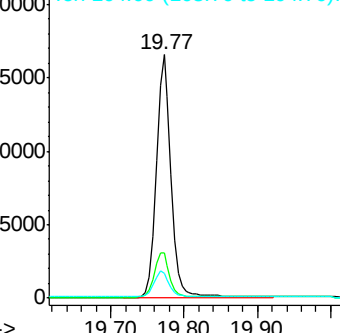
104 10.6 1.6 2.4#

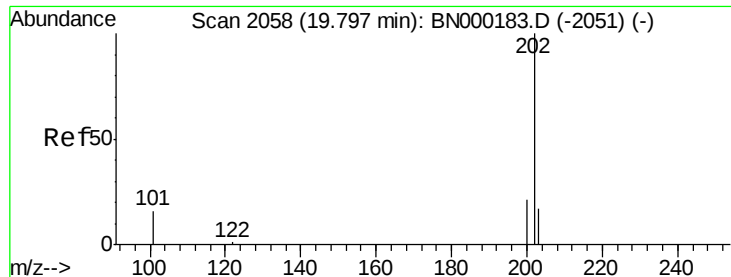


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

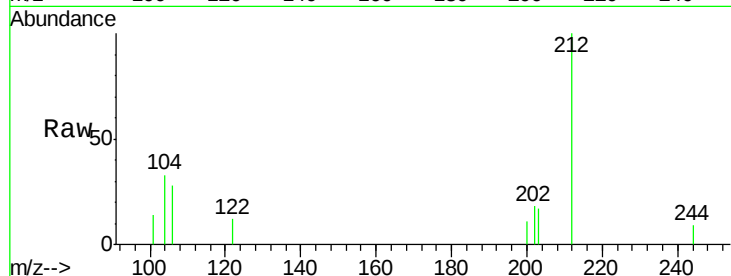




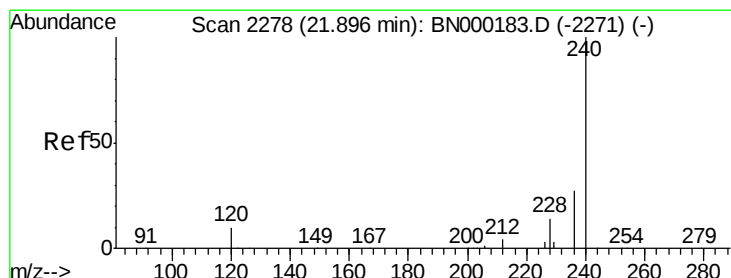
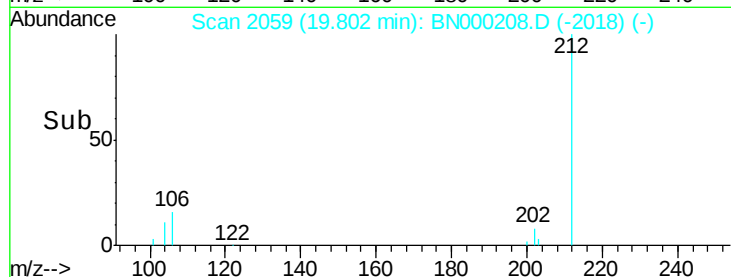
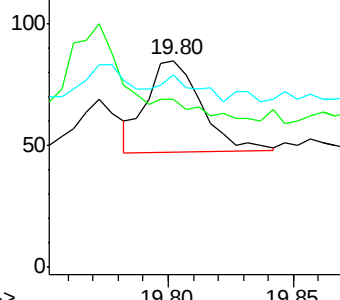
#26
 Fluoranthene
 Concen: 0.001 ng
 RT: 19.80 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-3

Tgt Ion:202 Resp: 57
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.8 14.8#
 203 17.5 13.7 20.5

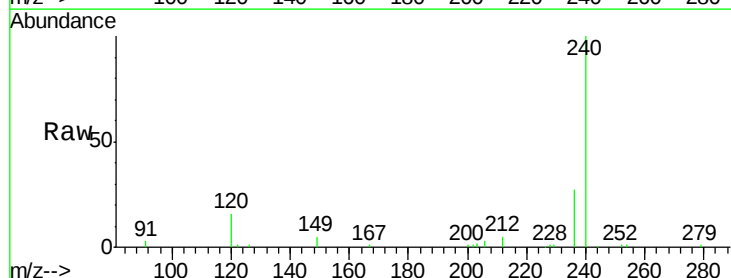


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

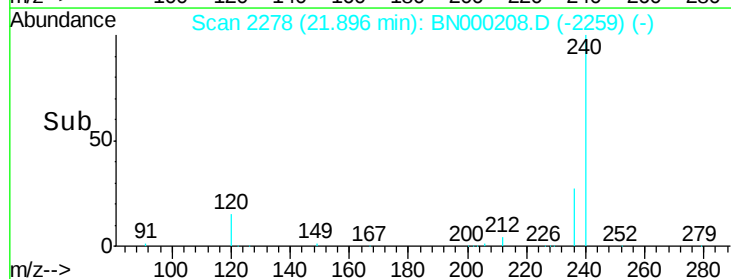
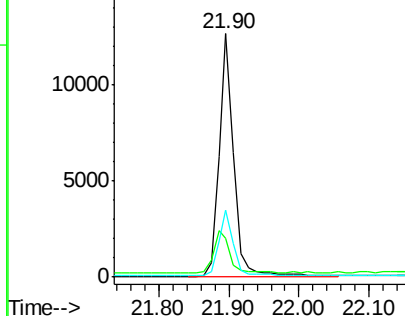


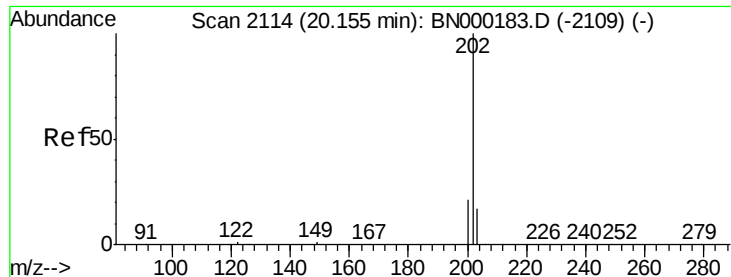
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.90 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

Tgt Ion:240 Resp: 18384
 Ion Ratio Lower Upper
 240 100
 120 16.2 5.5 8.3#
 236 27.4 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: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

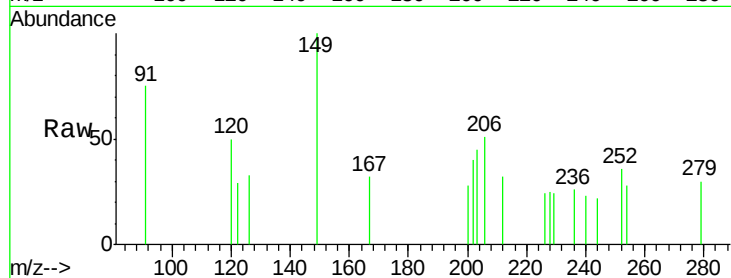
Tgt Ion:202 Resp: 57

Ion Ratio Lower Upper

202 100

200 29.8 16.6 25.0#

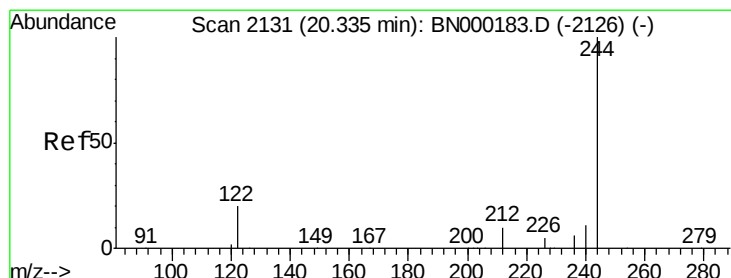
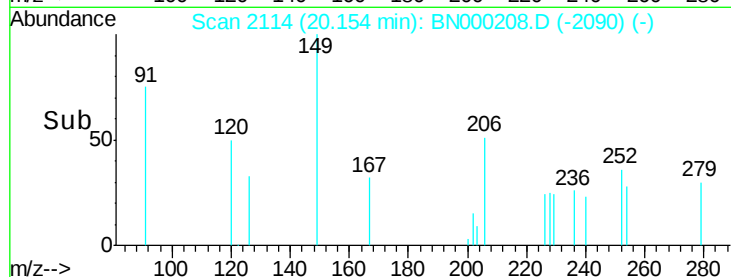
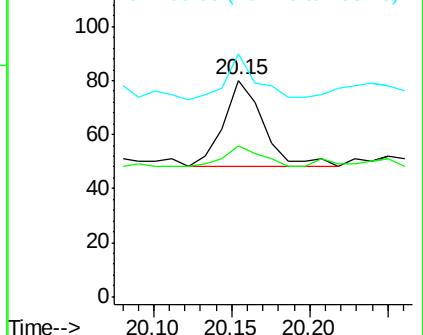
203 40.4 13.8 20.8#



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: 0.424 ng

RT: 20.33 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

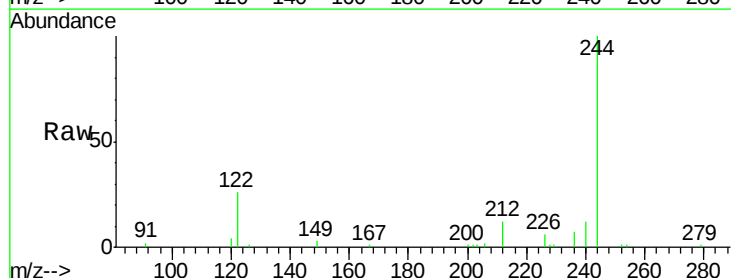
Tgt Ion:244 Resp: 13679

Ion Ratio Lower Upper

244 100

212 11.9 25.4 38.0#

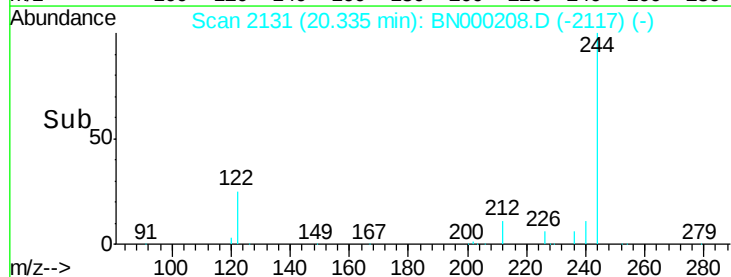
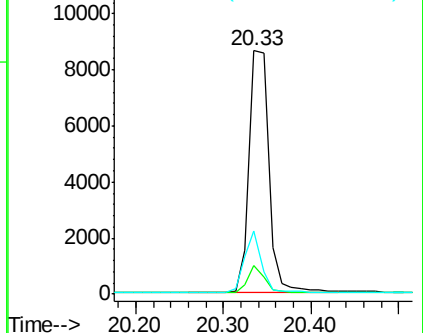
122 26.0 8.1 12.1#

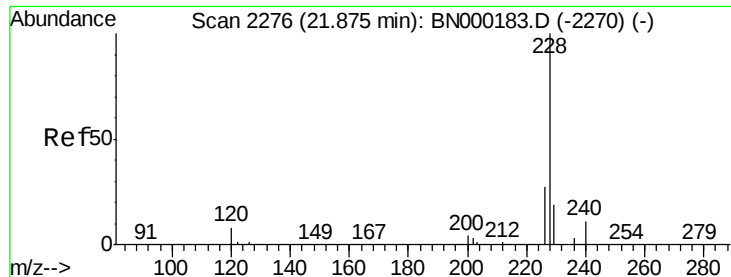


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.003 ng

RT: 21.89 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

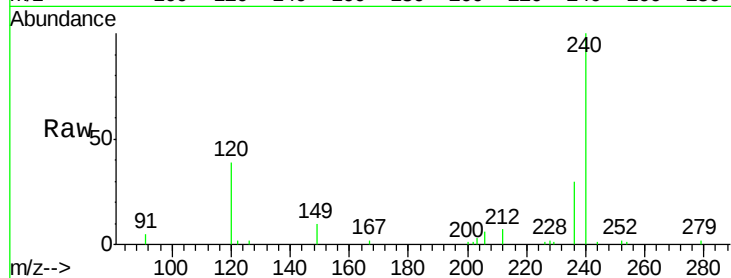
Tgt Ion:228 Resp: 193

Ion Ratio Lower Upper

228 100

226 51.9 24.0 36.0#

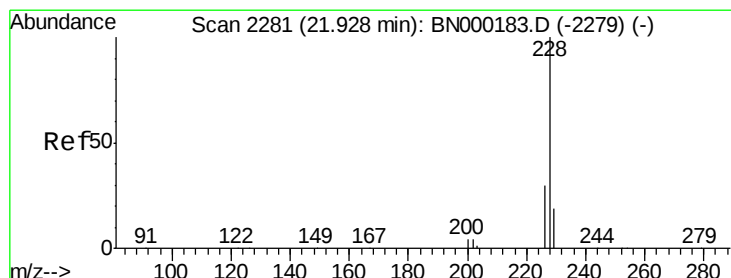
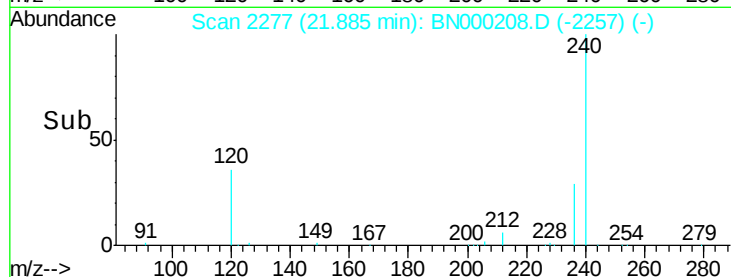
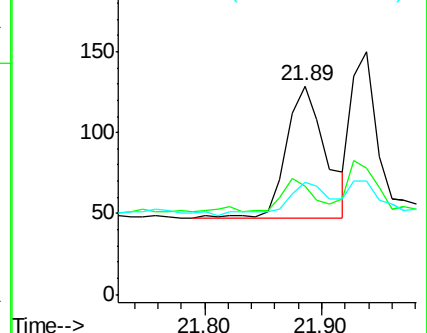
229 53.5 16.0 24.0#



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: 0.002 ng

RT: 21.94 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

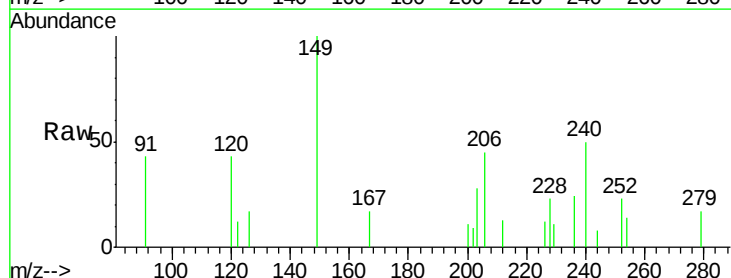
Tgt Ion:228 Resp: 159

Ion Ratio Lower Upper

228 100

226 52.0 24.0 36.0#

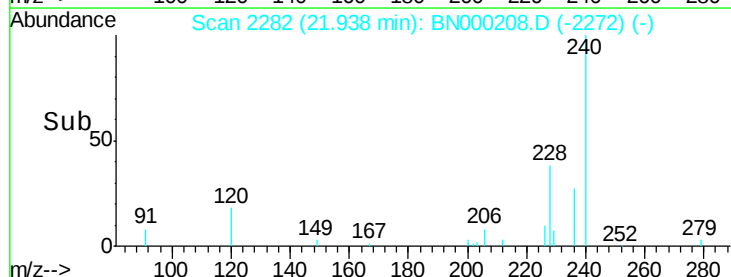
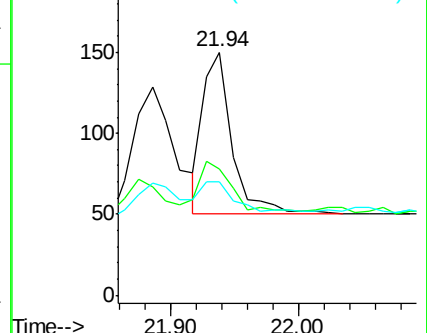
229 46.7 16.0 24.0#

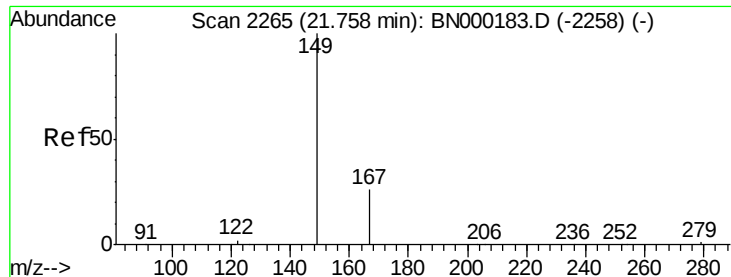


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

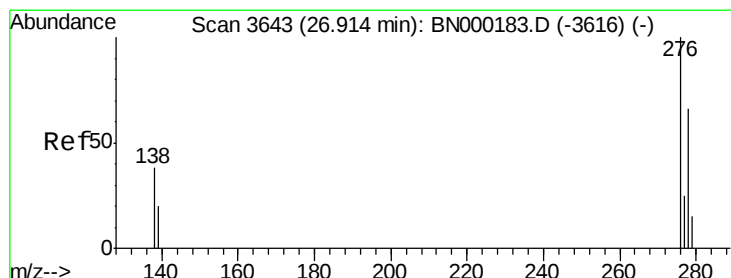
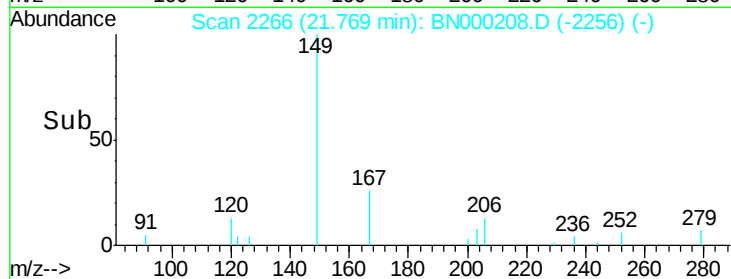
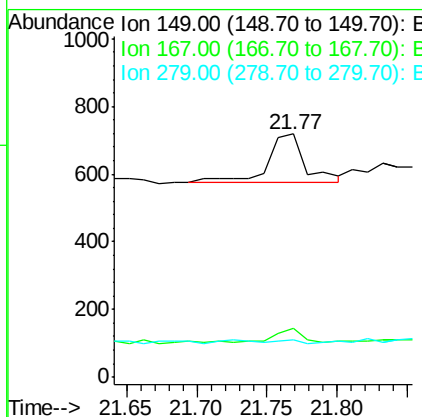
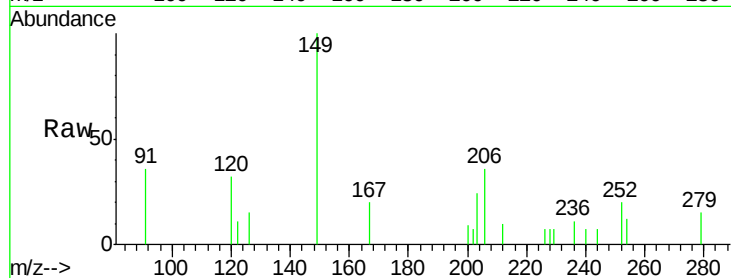




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.012 ng
 RT: 21.77 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

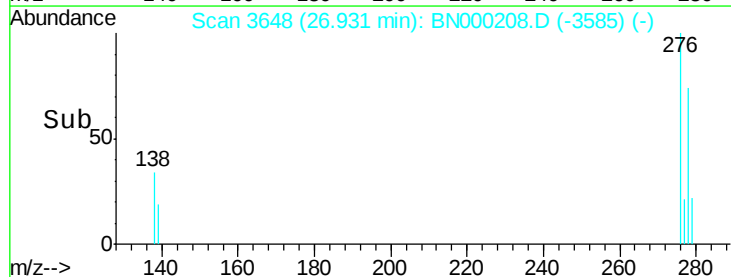
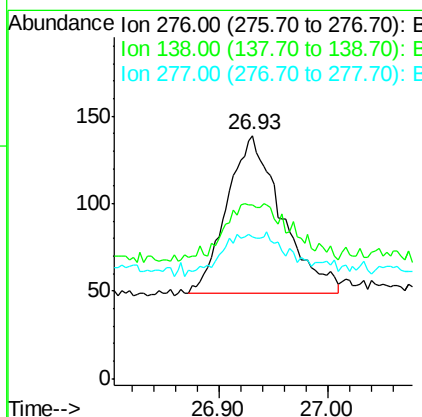
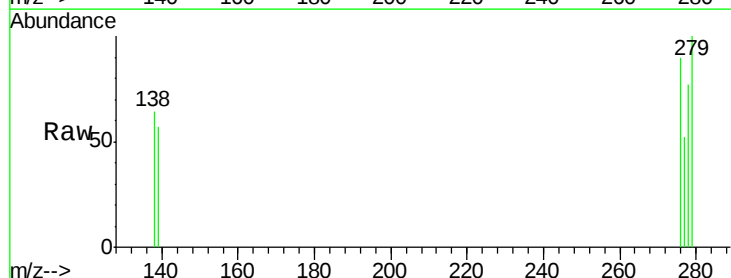
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-3

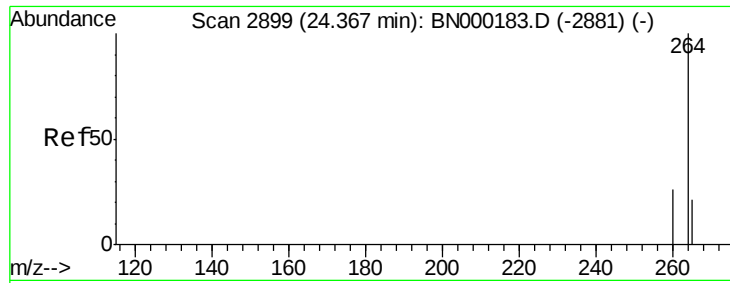
Tgt Ion:149 Resp: 268
 Ion Ratio Lower Upper
 149 100
 167 21.6 20.0 30.0
 279 0.0 1.6 2.4#



#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.005 ng
 RT: 26.93 min Scan# 3648
 Delta R.T. 0.02 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

Tgt Ion:276 Resp: 313
 Ion Ratio Lower Upper
 276 100
 138 17.6 22.5 33.7#
 277 13.7 19.9 29.9#

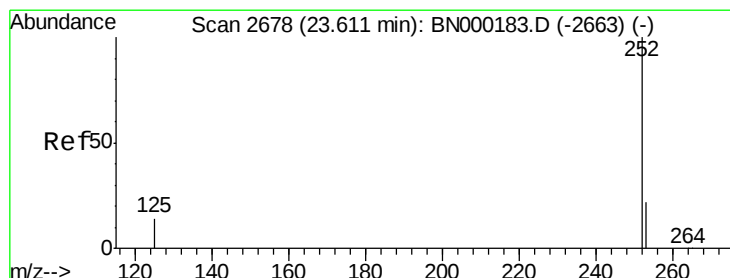
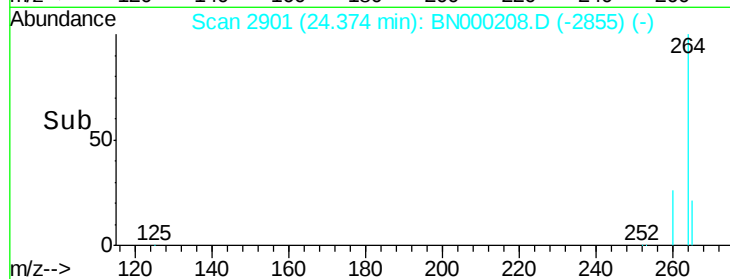
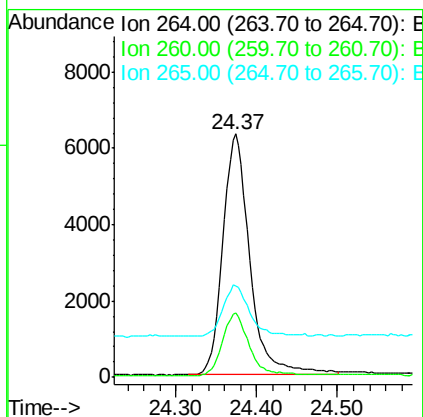
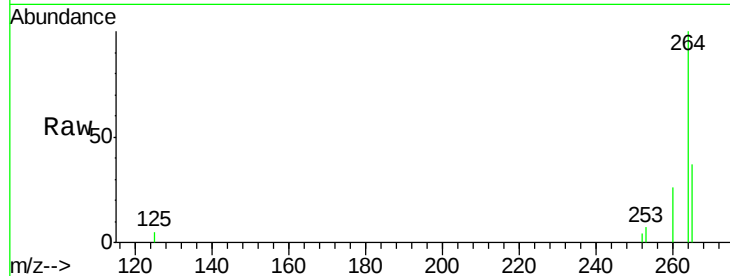




#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.37 min Scan# 2901
 Delta R.T. 0.01 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

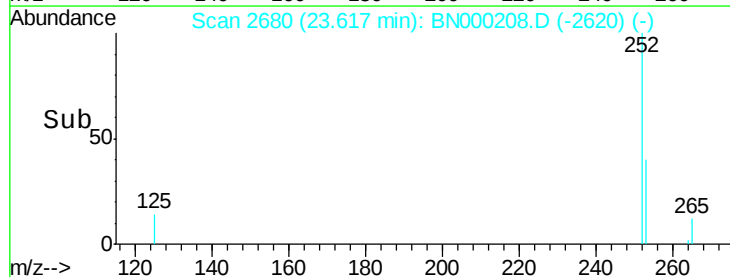
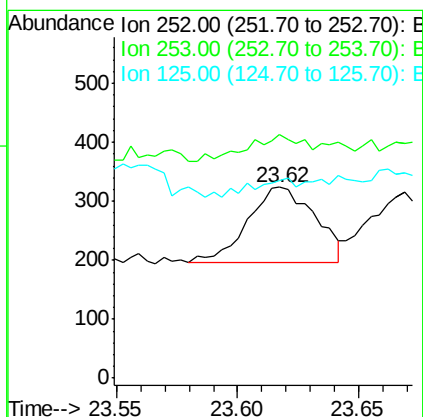
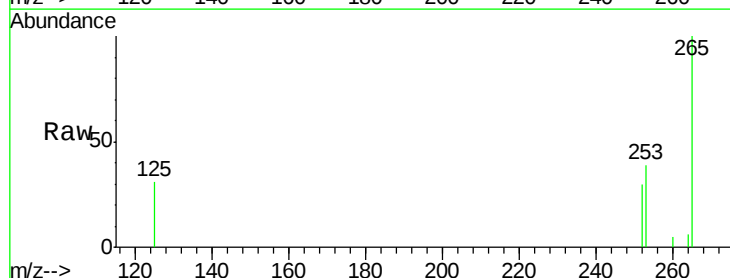
Instrument :
 BNA_N
 ClientSampleId :
 MDL-W-BL-3

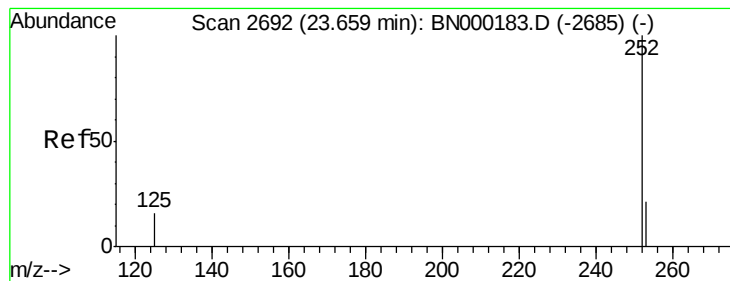
Tgt Ion: 264 Resp: 14792
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.5 30.7
 265 37.5 22.8 34.2#



#35
 Benzo(b)fluoranthene
 Concen: 0.004 ng
 RT: 23.62 min Scan# 2680
 Delta R.T. 0.01 min
 Lab File: BN000208.D
 Acq: 01 Mar 2018 09:23

Tgt Ion: 252 Resp: 245
 Ion Ratio Lower Upper
 252 100
 253 127.5 20.0 30.0#
 125 103.7 16.0 24.0#





#36

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.67 min Scan# 2695

Delta R.T. 0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3

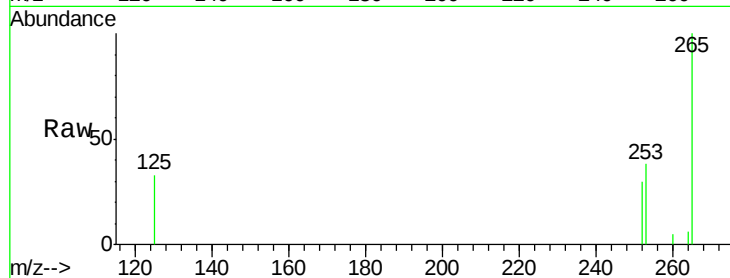
Tgt Ion:252 Resp: 203

Ion Ratio Lower Upper

252 100

253 125.6 16.0 24.0#

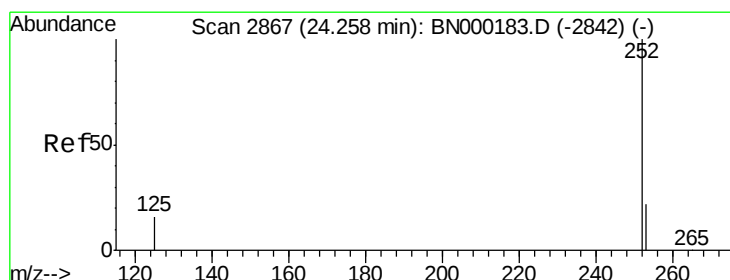
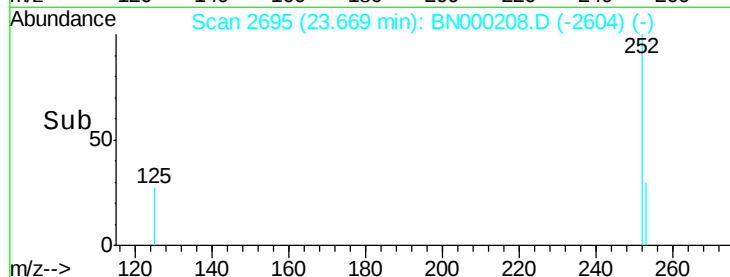
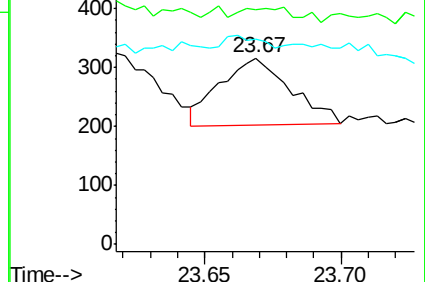
125 110.1 8.0 12.0#



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: 0.002 ng

RT: 24.27 min Scan# 2870

Delta R.T. 0.01 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

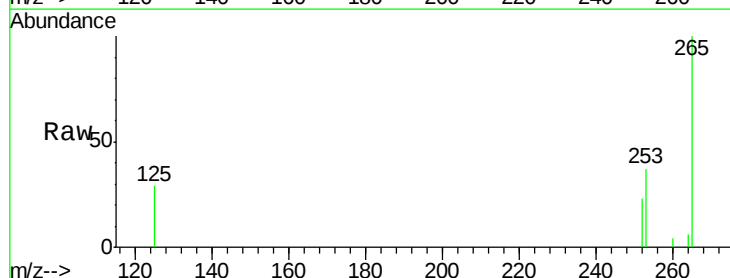
Tgt Ion:252 Resp: 99

Ion Ratio Lower Upper

252 100

253 161.0 16.0 24.0#

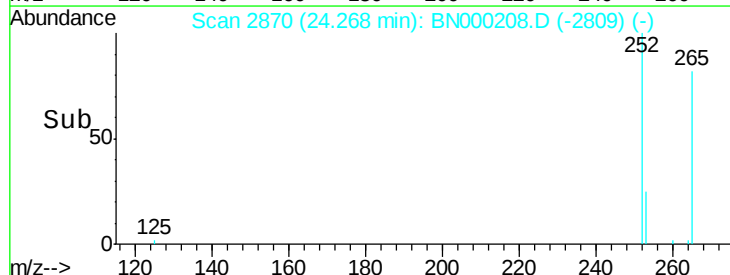
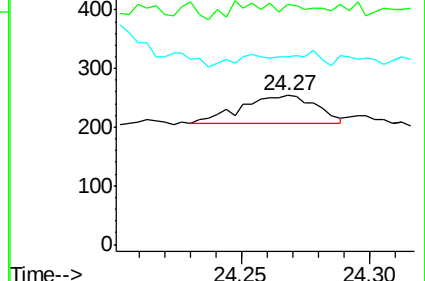
125 125.6 12.0 18.0#

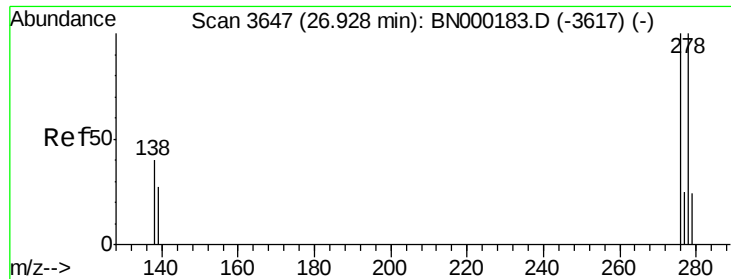


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Dibenzo(a,h)anthracene

Concen: 0.007 ng

RT: 26.95 min Scan# 3653

Delta R.T. 0.02 min

Lab File: BN000208.D

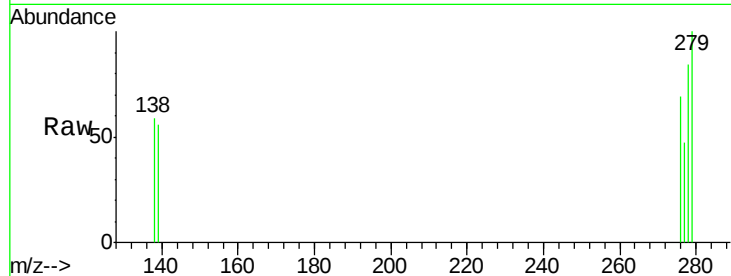
Acq: 01 Mar 2018 09:23

Instrument :

BNA_N

ClientSampleId :

MDL-W-BL-3



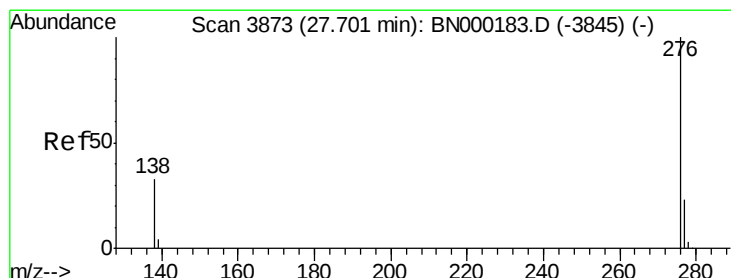
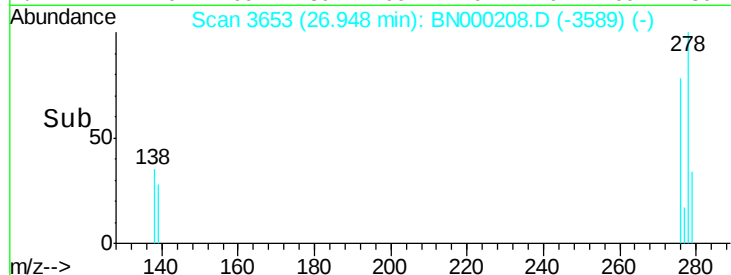
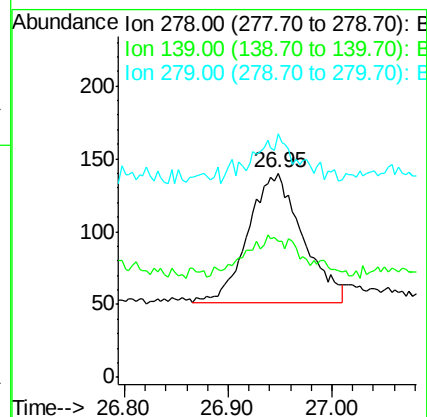
Tgt Ion: 278 Resp: 326

Ion Ratio Lower Upper

278 100

139 66.4 16.0 24.0#

279 119.3 20.0 30.0#



#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.70 min Scan# 3873

Delta R.T. -0.00 min

Lab File: BN000208.D

Acq: 01 Mar 2018 09:23

Tgt Ion: 276 Resp: 100

Ion Ratio Lower Upper

276 100

277 70.6 16.0 24.0#

138 79.8 20.0 30.0#

