

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
 Data File : BN000217.D
 Acq On : 01 Mar 2018 15:02
 Operator : JU/SJ
 Sample : PB106169BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106169BL

Quant Time: Mar 01 17:46:42 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	5225	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	20824	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	10402	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	25193	0.40	ng	0.00
27) Chrysene-d12	21.89	240	19523	0.40	ng	0.00
34) Perylene-d12	24.38	264	15872	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.93	112	4549	0.41	ng	0.00
5) Phenol-d6	7.57	99	5497	0.39	ng	0.00
8) Nitrobenzene-d5	9.63	82	4539	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	12667	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.54	330	1106	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	19096	0.39	ng	0.00
25) Fluoranthene-d10	19.77	212	25761	0.38	ng	0.00
29) Terphenyl-d14	20.34	244	14947	0.44	ng	0.00

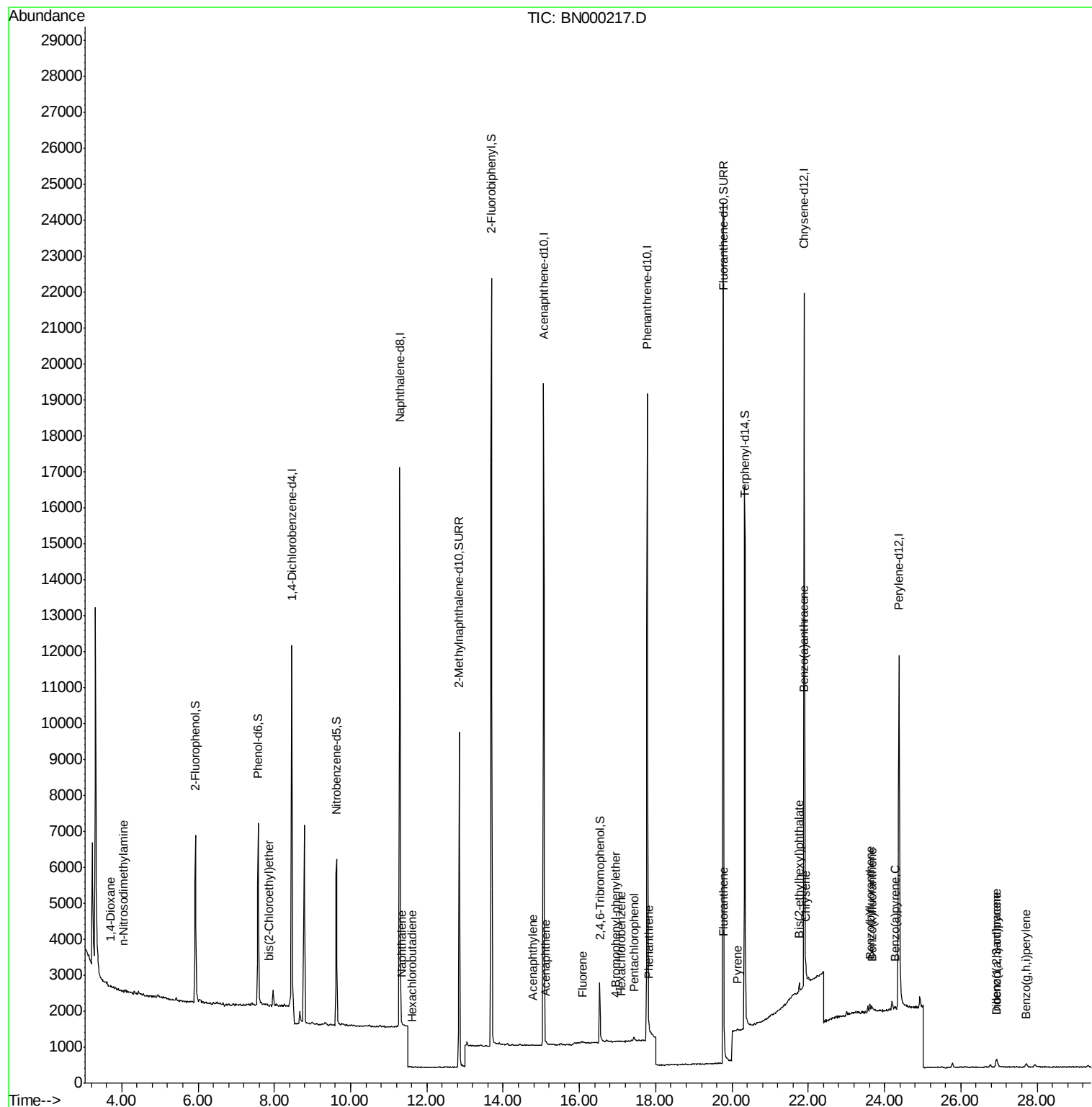
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.71	88	16	0.003	ng	# 35
3) n-Nitrosodimethylamine	4.04	42	11	0.103	ng	# 1
6) bis(2-Chloroethyl)ether	7.85	93	8	0.000	ng	# 36
9) Naphthalene	11.34	128	65	0.001	ng	# 1
10) Hexachlorobutadiene	11.62	225	2	0.000	ng	# 1
16) Acenaphthylene	14.79	152	25	0.001	ng	# 61
17) Acenaphthene	15.12	154	12	0.000	ng	# 55
18) Fluorene	16.09	166	26	0.001	ng	# 65
20) 4-Bromophenyl-phenylether	16.96	248	5	0.000	ng	# 48
21) Hexachlorobenzene	17.10	284	8	0.000	ng	# 21
22) Pentachlorophenol	17.43	266	91	0.110	ng	# 74
23) Phenanthrene	17.82	178	75	0.001	ng	# 61
26) Fluoranthene	19.80	202	49	0.001	ng	# 72
28) Pyrene	20.15	202	52	0.001	ng	# 64
30) Benzo(a)anthracene	21.88	228	173	0.003	ng	# 40
31) Chrysene	21.94	228	150	0.002	ng	# 48
32) Bis(2-ethylhexyl)phthalate	21.77	149	271	0.012	ng	# 79
33) Indeno(1,2,3-cd)pyrene	26.94	276	281	0.004	ng	# 68
35) Benzo(b)fluoranthene	23.62	252	215	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.67	252	199	0.003	ng	# 1
37) Benzo(a)pyrene	24.27	252	107	0.002	ng	# 1
38) Dibenzo(a,h)anthracene	26.95	278	296	0.006	ng	# 1
39) Benzo(g,h,i)perylene	27.72	276	204	0.003	ng	# 1

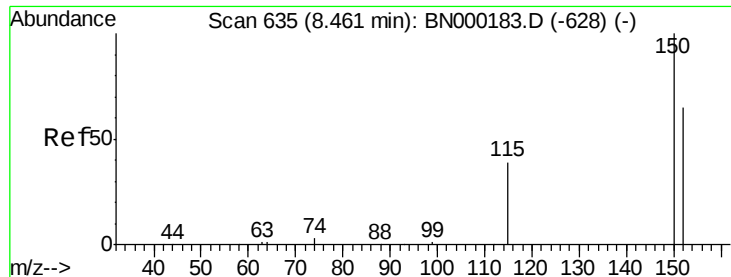
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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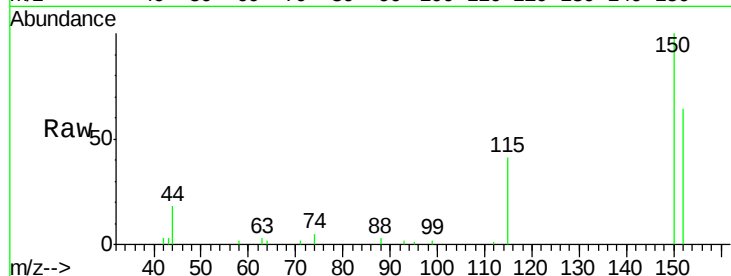




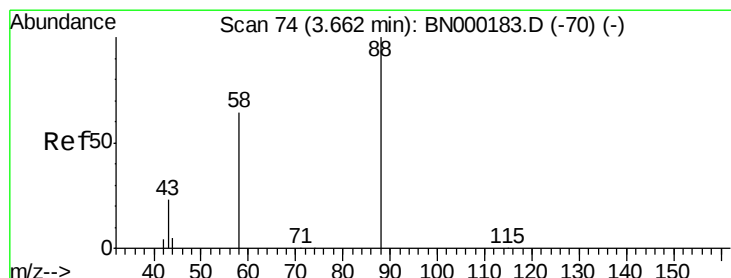
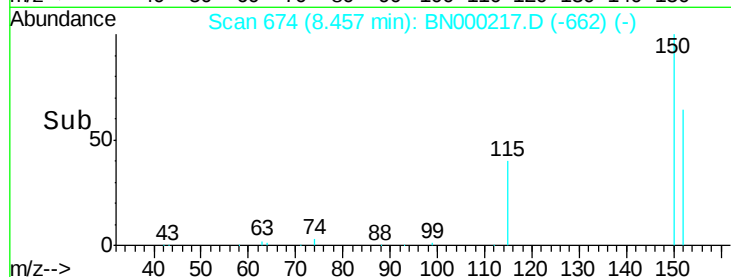
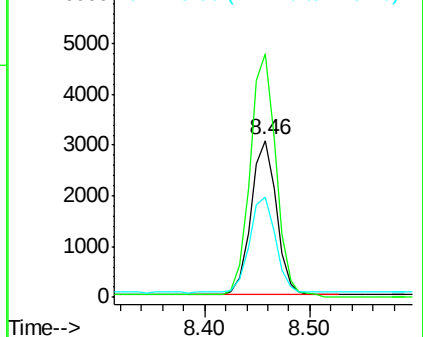
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.46 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BN000217.D
 Acq: 01 Mar 2018 15:02

Instrument :
 BNA_N
 ClientSampleId :
 PB106169BL

Tgt Ion: 152 Resp: 5225
 Ion Ratio Lower Upper
 152 100
 150 155.1 117.2 175.8
 115 64.0 57.0 85.6

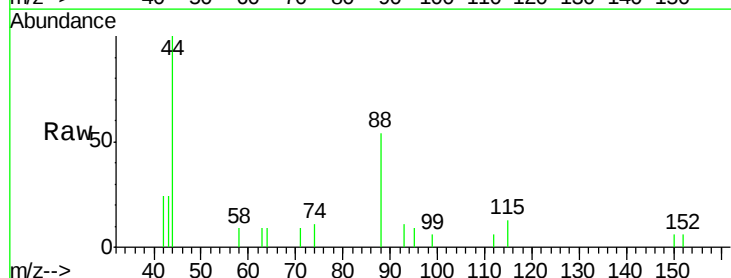


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

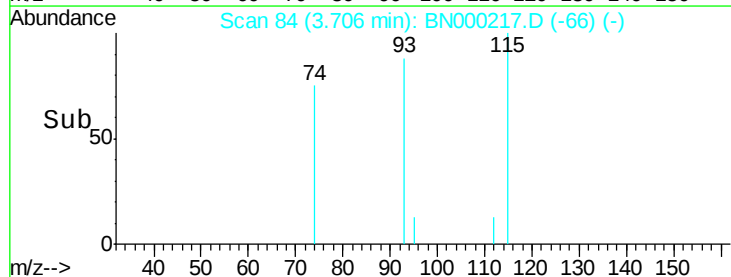
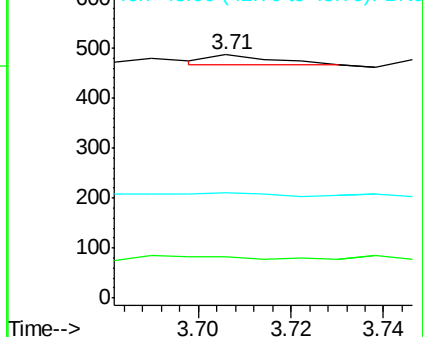


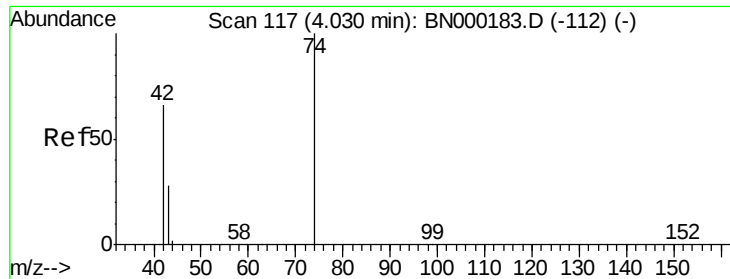
#2
 1,4-Dioxane
 Concen: 0.003 ng
 RT: 3.71 min Scan# 84
 Delta R.T. 0.04 min
 Lab File: BN000217.D
 Acq: 01 Mar 2018 15:02

Tgt Ion: 88 Resp: 16
 Ion Ratio Lower Upper
 88 100
 58 75.0 48.0 72.0#
 43 112.5 20.0 30.0#



Abundance Ion 88.00 (87.70 to 88.70): BNC
 Ion 58.00 (57.70 to 58.70): BNC
 Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.103 ng

RT: 4.04 min Scan# 126

Delta R.T. 0.02 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

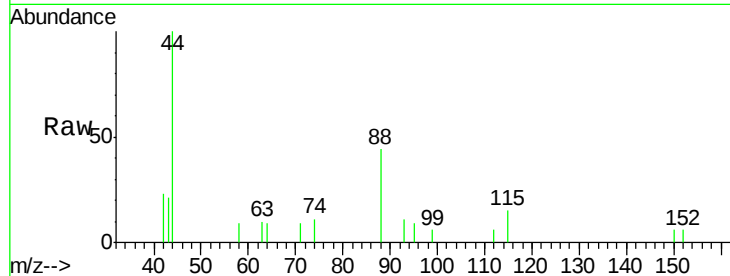
Tgt Ion: 42 Resp: 11

Ion Ratio Lower Upper

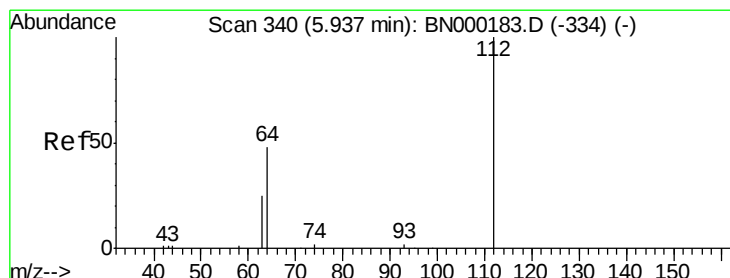
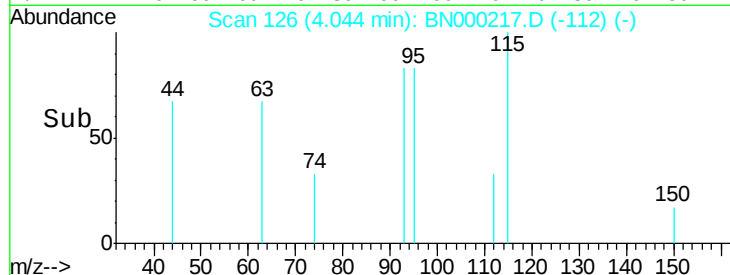
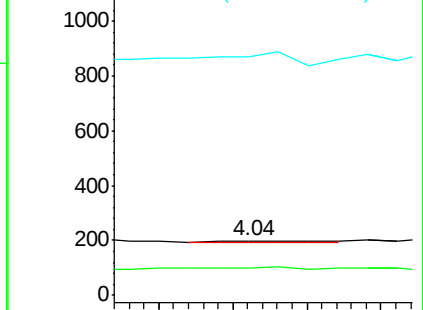
42 100

74 0.0 120.0 180.0#

44 1009.1 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: 0.412 ng

RT: 5.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

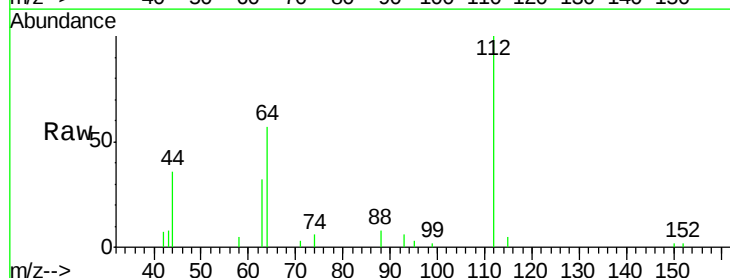
Tgt Ion: 112 Resp: 4549

Ion Ratio Lower Upper

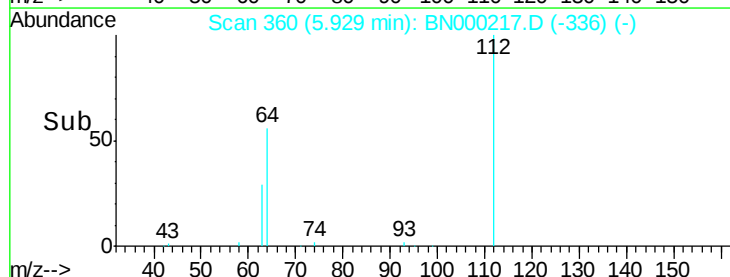
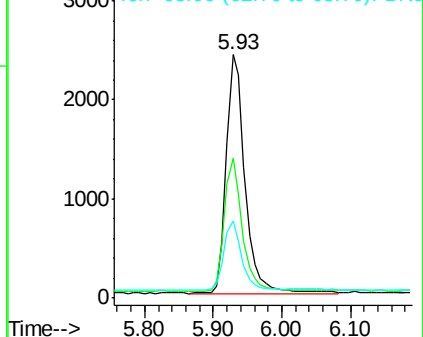
112 100

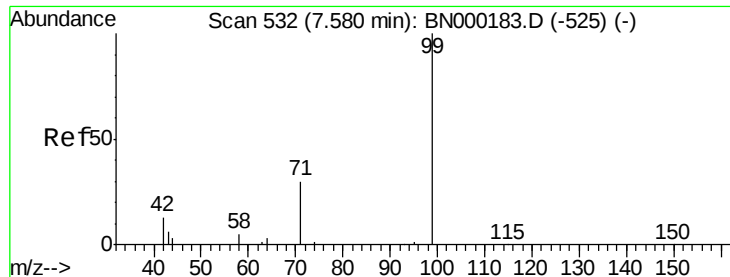
64 53.9 60.1 90.1#

63 28.2 116.8 175.2#



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: 0.392 ng

RT: 7.57 min Scan# 564

Delta R.T. -0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

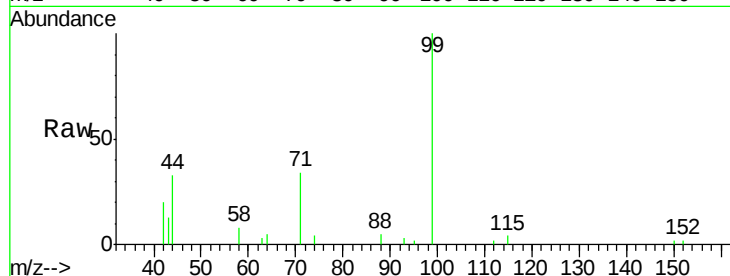
Tgt Ion: 99 Resp: 5497

Ion Ratio Lower Upper

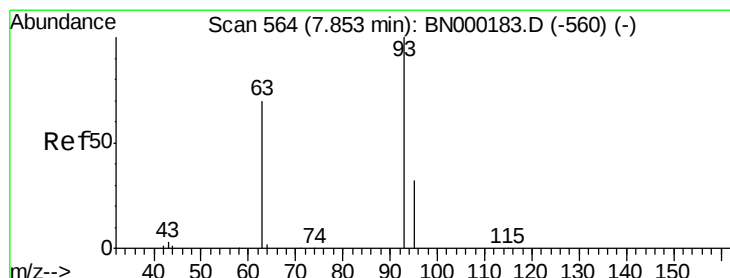
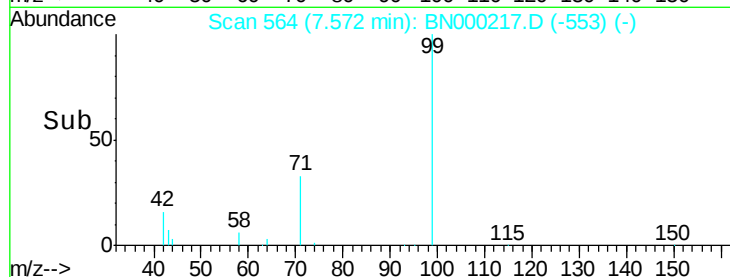
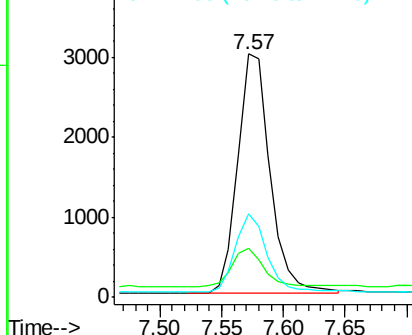
99 100

42 15.7 20.2 30.2#

71 31.5 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: 0.000 ng

RT: 7.85 min Scan# 598

Delta R.T. -0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

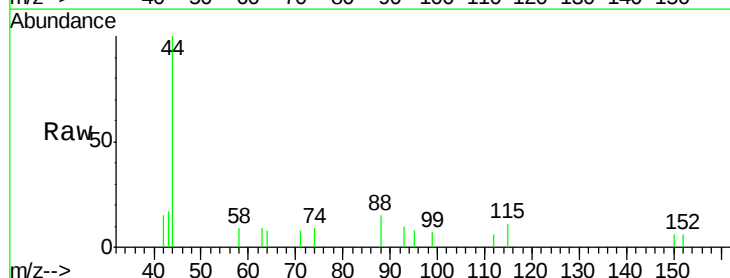
Tgt Ion: 93 Resp: 8

Ion Ratio Lower Upper

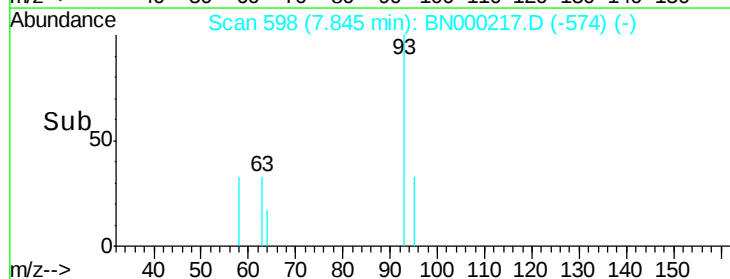
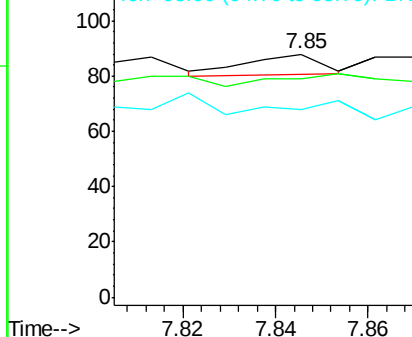
93 100

63 125.0 56.0 84.0#

95 0.0 25.2 37.8#



Abundance Ion 93.00 (92.70 to 93.70): BNC
Ion 63.00 (62.70 to 63.70): BNC
Ion 95.00 (94.70 to 95.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.29 min Scan# 900

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

Tgt Ion:136 Resp: 20824

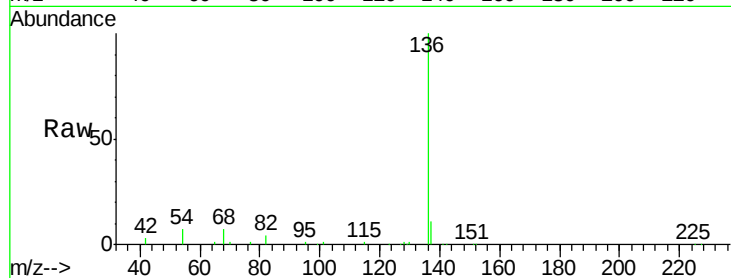
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 7.3 29.1 43.7#

68 6.8 6.2 9.2

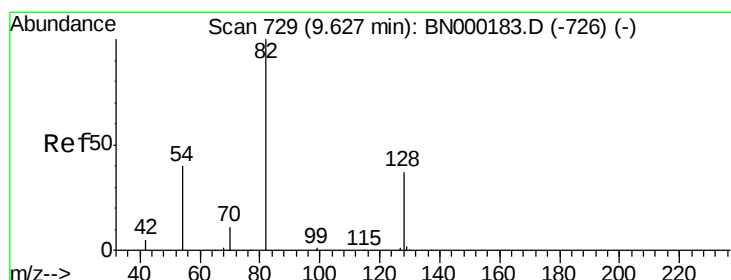
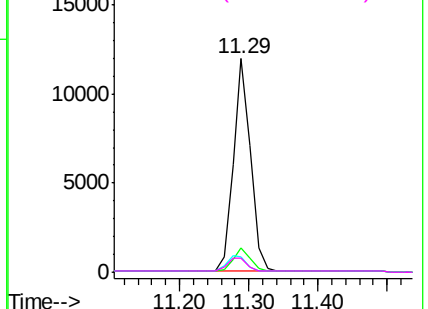
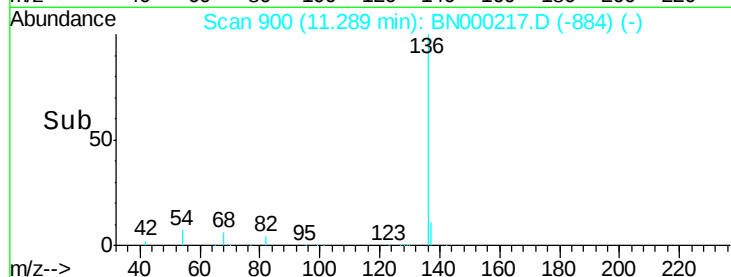


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.368 ng

RT: 9.63 min Scan# 769

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

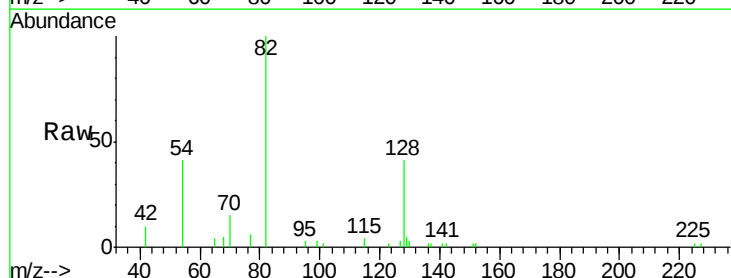
Tgt Ion: 82 Resp: 4539

Ion Ratio Lower Upper

82 100

128 40.6 150.0 225.0#

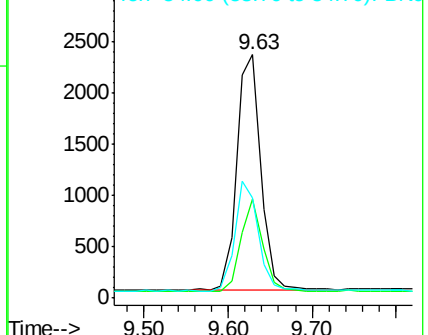
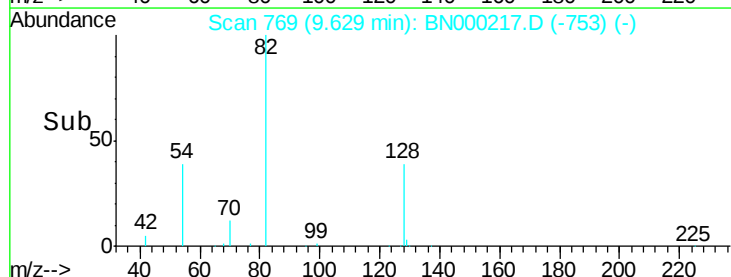
54 41.2 154.2 231.4#

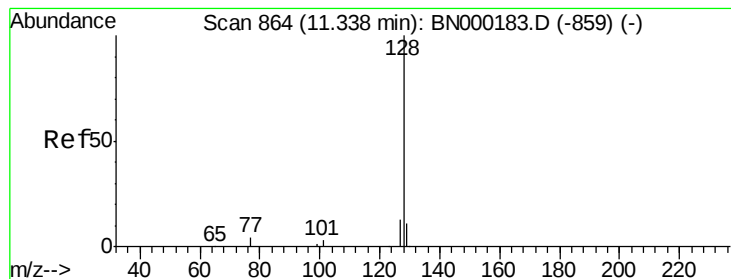


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.001 ng

RT: 11.34 min Scan# 904

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

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PB106169BL

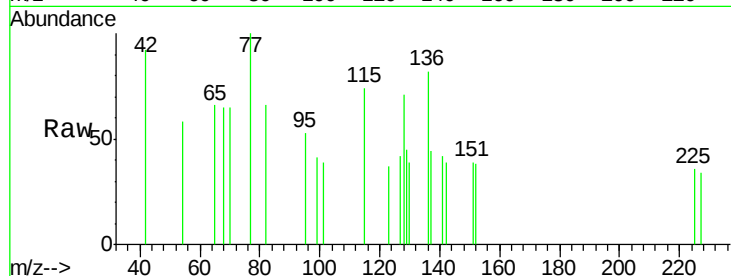
Tgt Ion:128 Resp: 65

Ion Ratio Lower Upper

128 100

129 63.4 8.0 12.0#

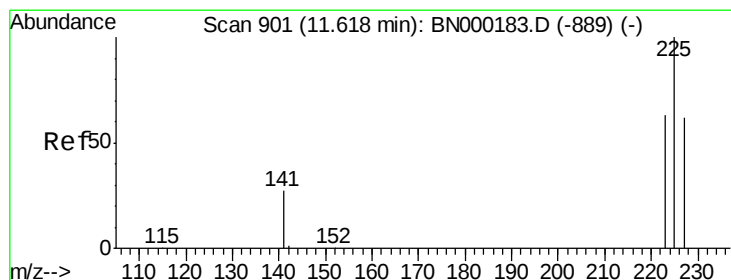
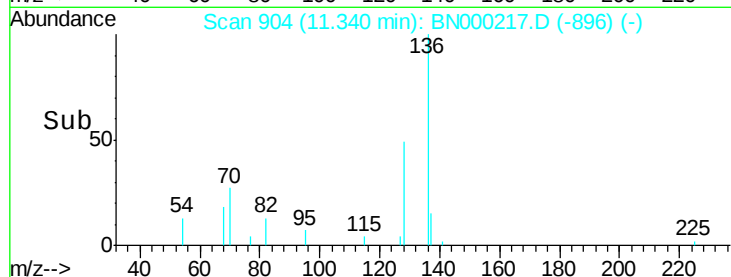
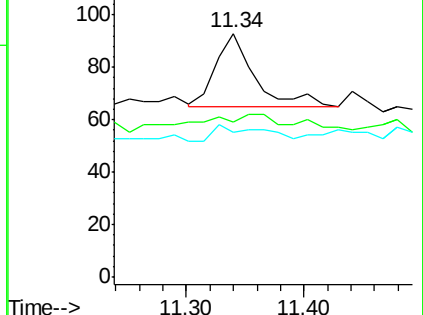
127 59.1 9.6 14.4#



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: 11.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

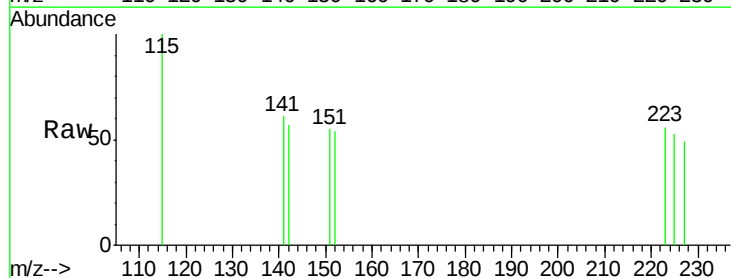
Tgt Ion:225 Resp: 2

Ion Ratio Lower Upper

225 100

223 250.0 53.0 79.6#

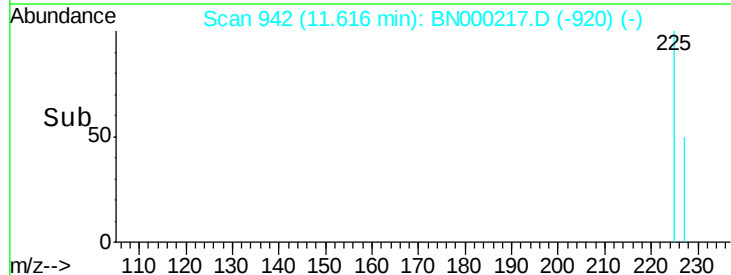
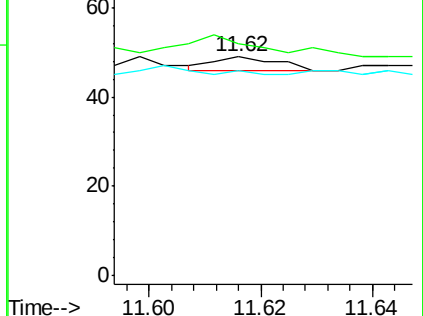
227 50.0 51.4 77.2#

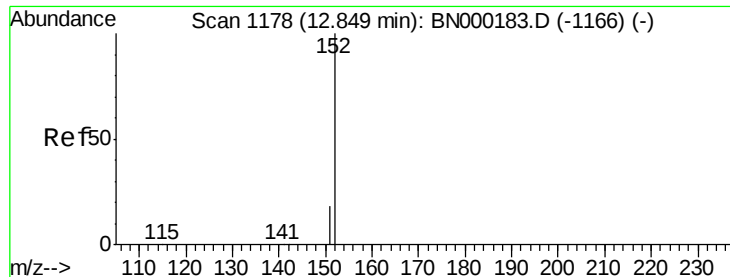


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

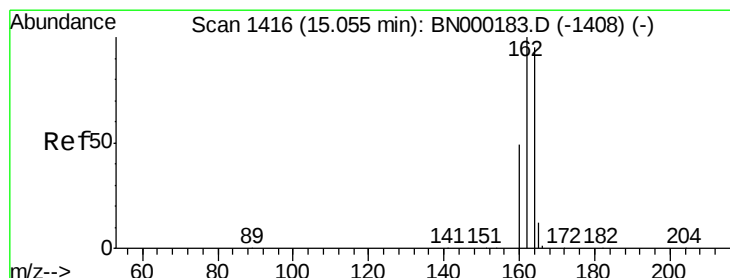
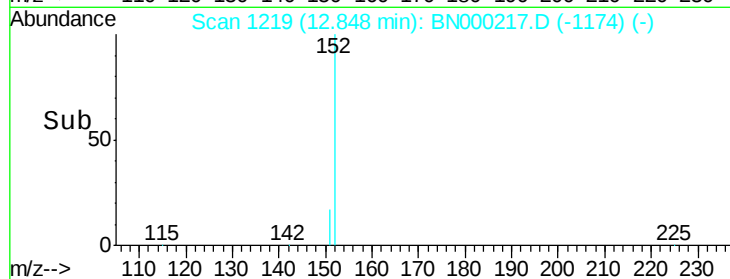
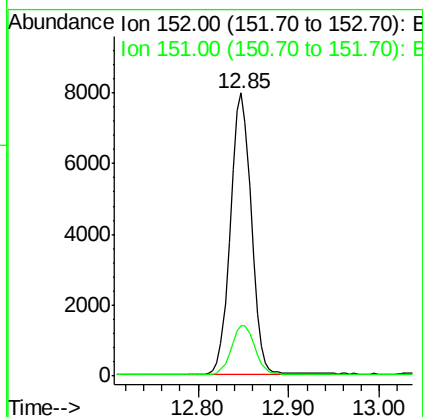
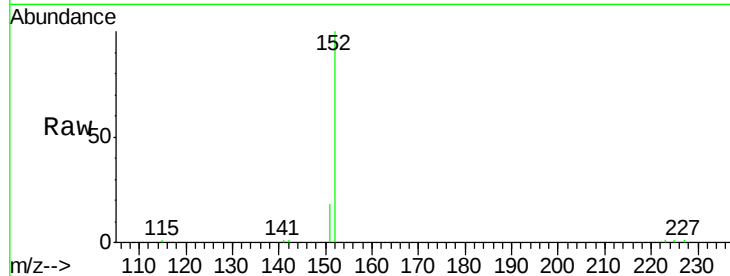




#11
 2-Methylnaphthalene-d10
 Concen: 0.404 ng
 RT: 12.85 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BN000217.D
 Acq: 01 Mar 2018 15:02

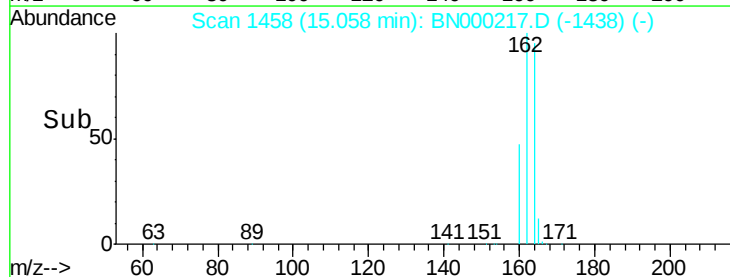
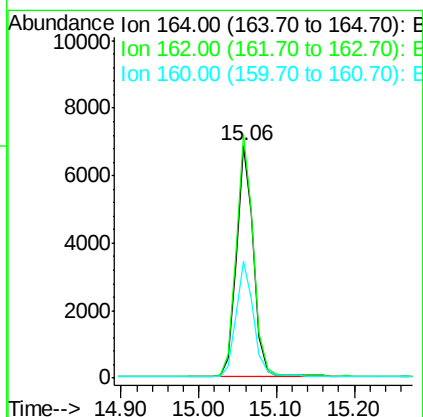
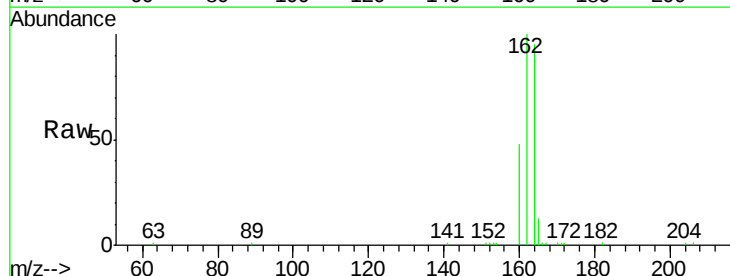
Instrument :
 BNA_N
 ClientSampleId :
 PB106169BL

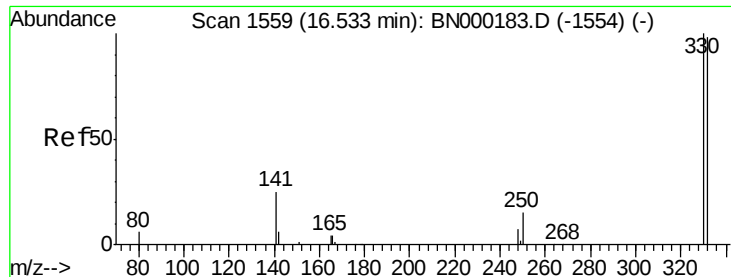
Tgt Ion:152 Resp: 12667
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.0



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 15.06 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BN000217.D
 Acq: 01 Mar 2018 15:02

Tgt Ion:164 Resp: 10402
 Ion Ratio Lower Upper
 164 100
 162 104.7 83.1 124.7
 160 50.1 37.1 55.7

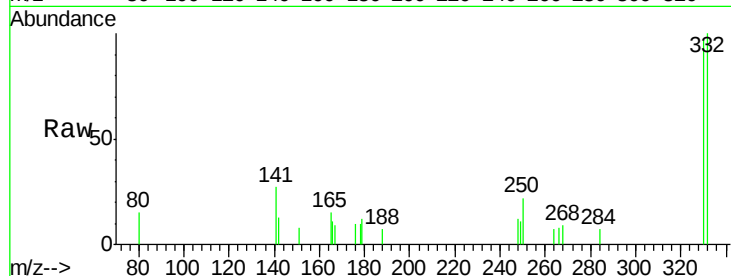




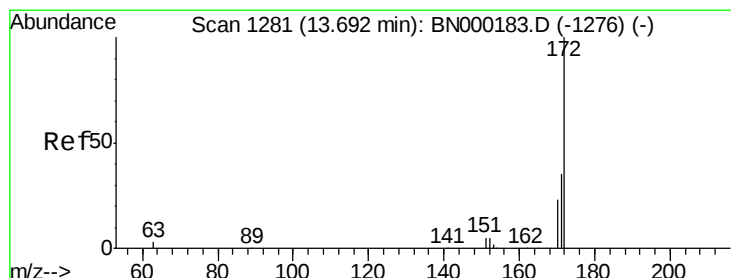
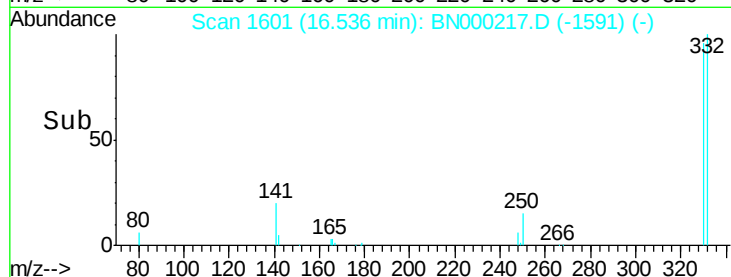
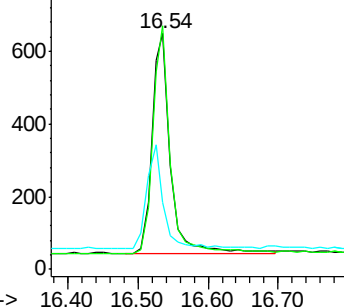
#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 16.54 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BN000217.D
Acq: 01 Mar 2018 15:02

Instrument :
BNA_N
ClientSampleId :
PB106169BL

Tgt Ion: 330 Resp: 1106
Ion Ratio Lower Upper
330 100
332 98.6 152.7 229.1#
141 45.3 33.7 50.5

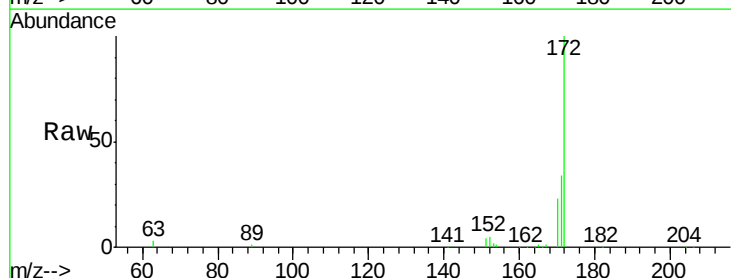


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

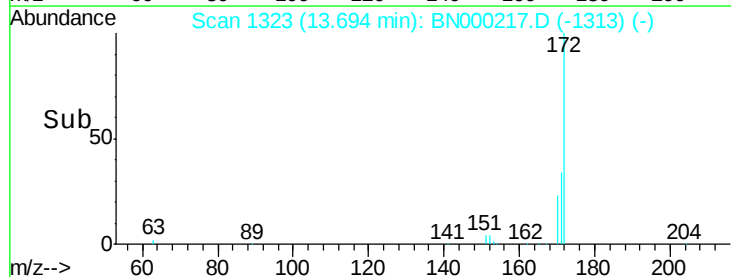
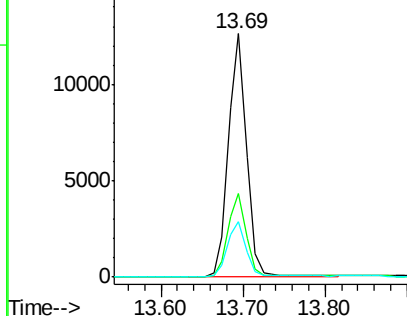


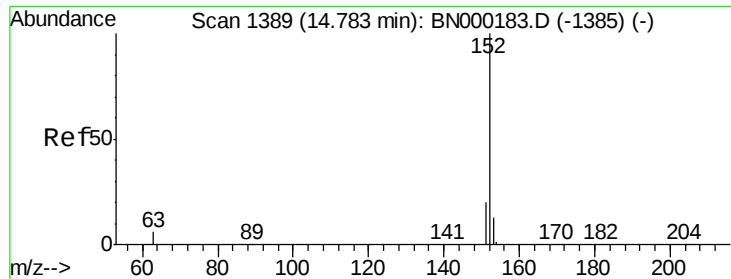
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.69 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN000217.D
Acq: 01 Mar 2018 15:02

Tgt Ion: 172 Resp: 19096
Ion Ratio Lower Upper
172 100
171 34.3 29.9 44.9
170 22.9 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

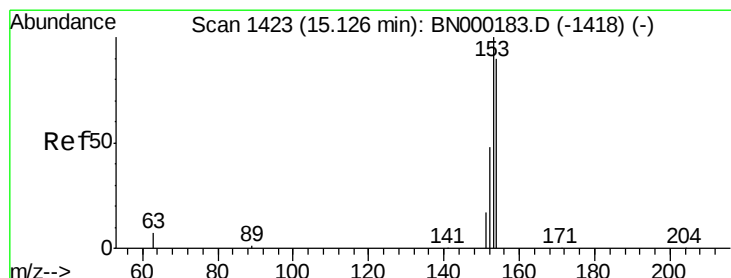
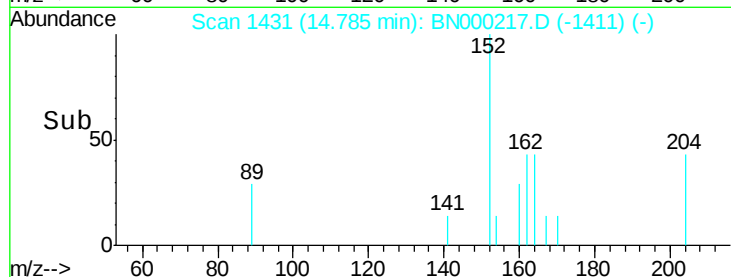
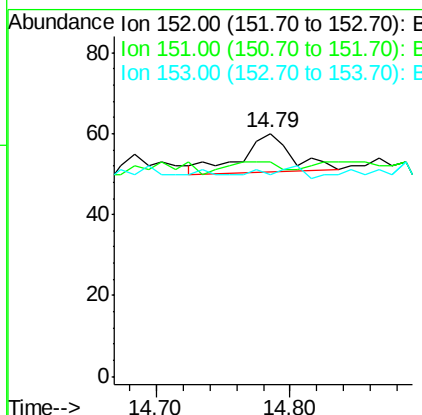
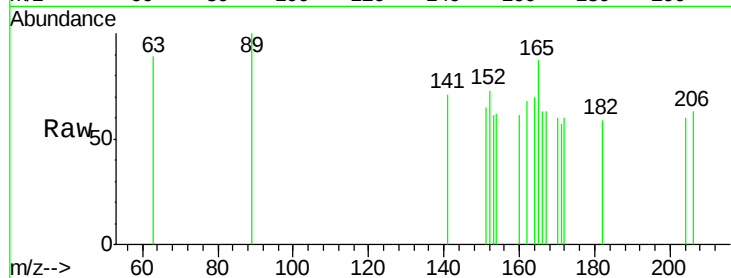




#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.79 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BN000217.D
Acq: 01 Mar 2018 15:02

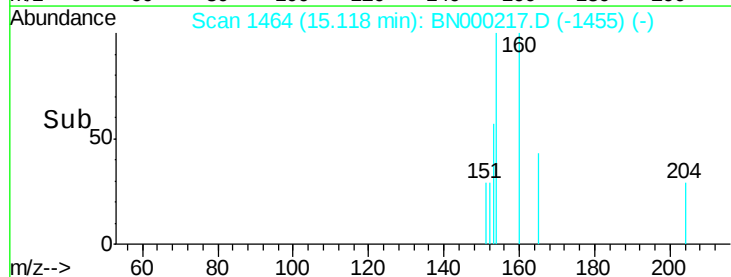
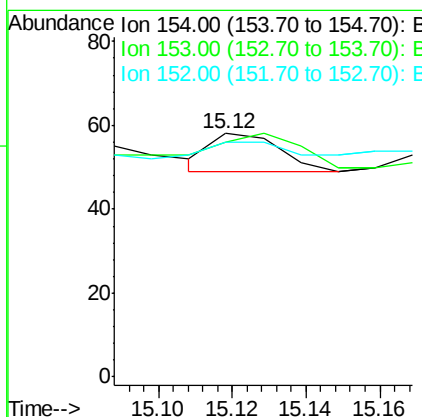
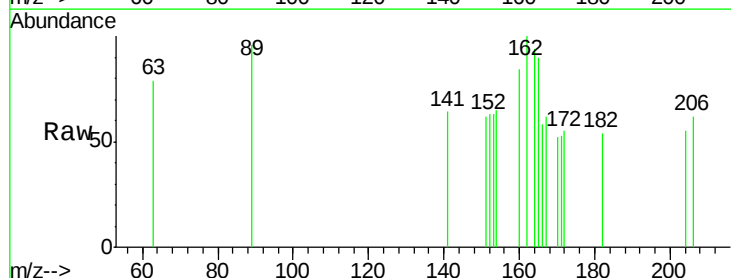
Instrument :
BNA_N
ClientSampleId :
PB106169BL

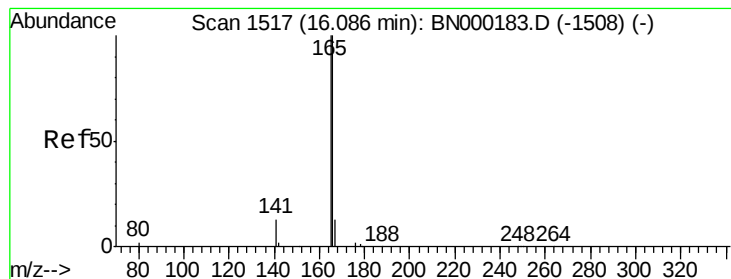
Tgt Ion:152 Resp: 25
Ion Ratio Lower Upper
152 100
151 0.0 15.7 23.5#
153 0.0 10.5 15.7#



#17
Acenaphthene
Concen: 0.000 ng
RT: 15.12 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BN000217.D
Acq: 01 Mar 2018 15:02

Tgt Ion:154 Resp: 12
Ion Ratio Lower Upper
154 100
153 141.7 89.2 133.8#
152 108.3 42.0 63.0#





#18

Fluorene

Concen: 0.001 ng

RT: 16.09 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

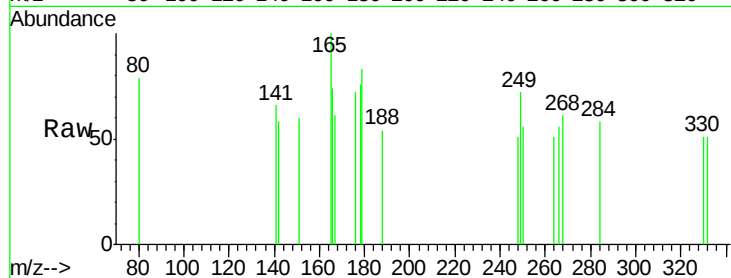
Tgt Ion:166 Resp: 26

Ion Ratio Lower Upper

166 100

165 138.5 77.8 116.6#

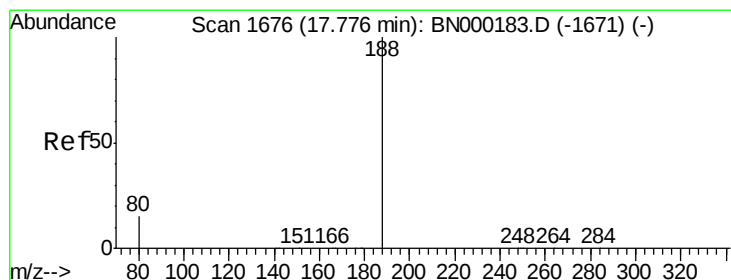
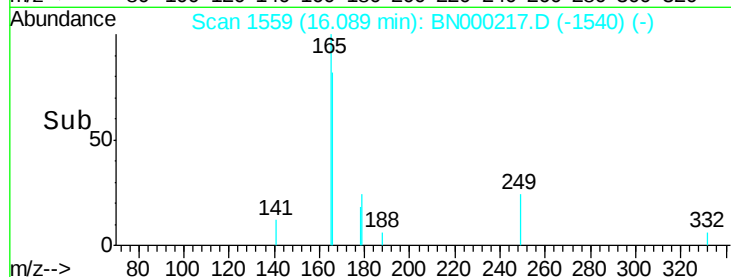
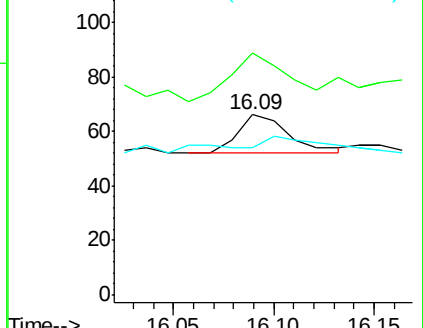
167 69.2 42.4 63.6#



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: BN000217.D

Acq: 01 Mar 2018 15:02

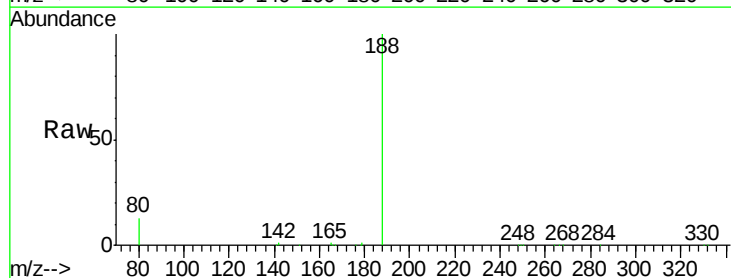
Tgt Ion:188 Resp: 25193

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

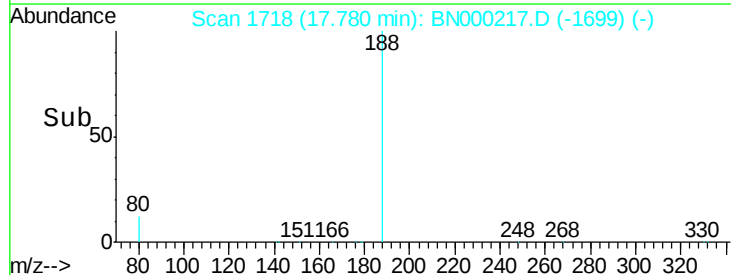
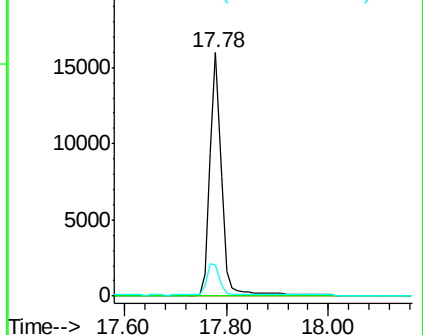
80 12.9 3.6 5.4#

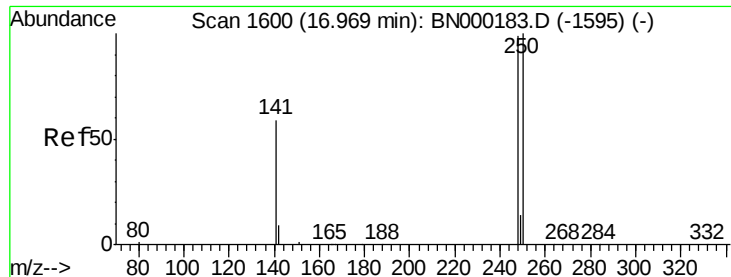


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

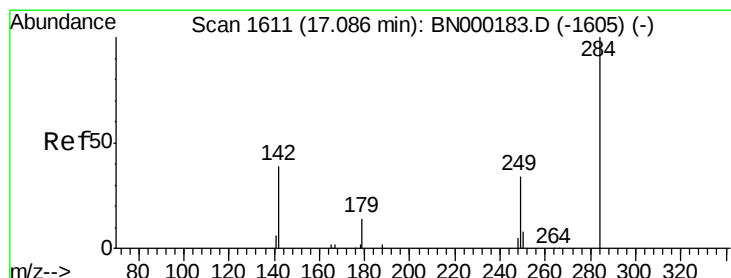
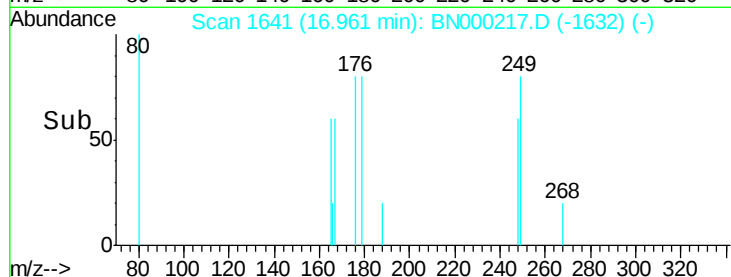
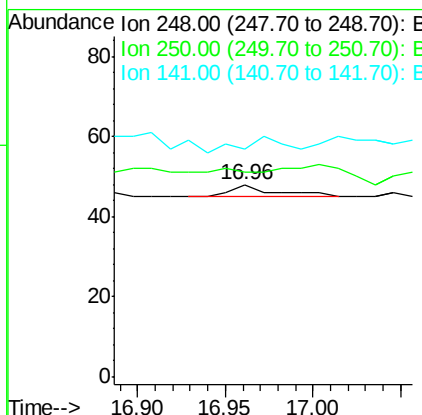
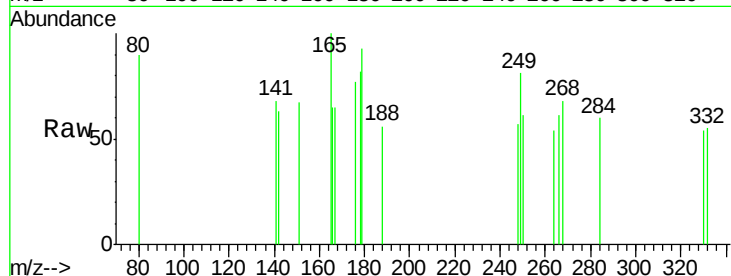




#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.96 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BN000217.D
Acq: 01 Mar 2018 15:02

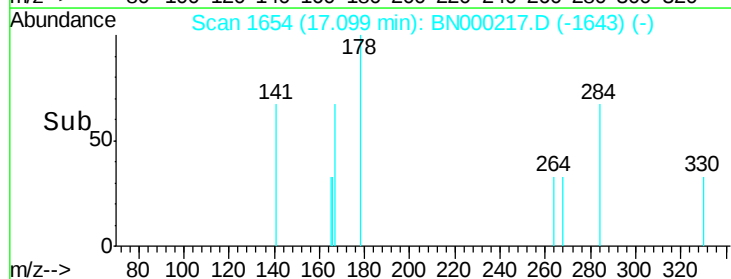
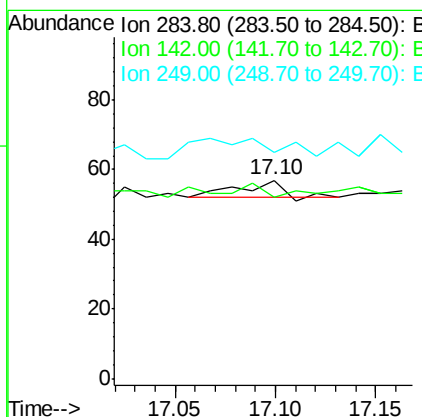
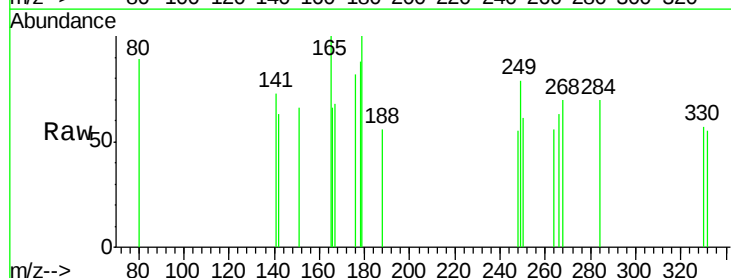
Instrument :
BNA_N
ClientSampleId :
PB106169BL

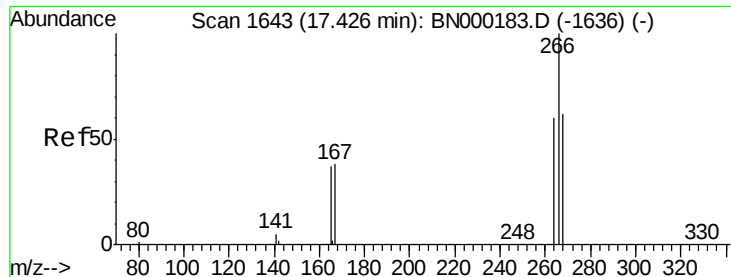
Tgt Ion:248 Resp: 5
Ion Ratio Lower Upper
248 100
250 106.3 62.7 94.1#
141 118.8 48.2 72.2#



#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 17.10 min Scan# 1654
Delta R.T. 0.01 min
Lab File: BN000217.D
Acq: 01 Mar 2018 15:02

Tgt Ion:284 Resp: 8
Ion Ratio Lower Upper
284 100
142 100.0 32.0 48.0#
249 0.0 24.0 36.0#





#22

Pentachlorophenol

Concen: 0.110 ng

RT: 17.43 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

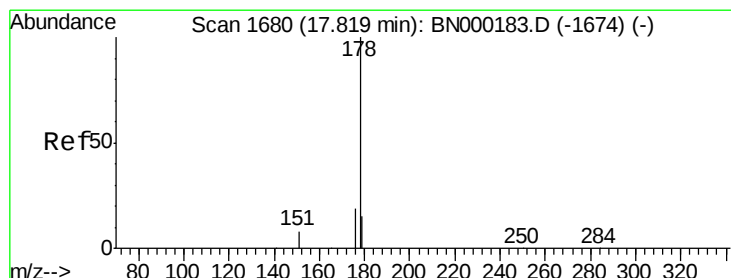
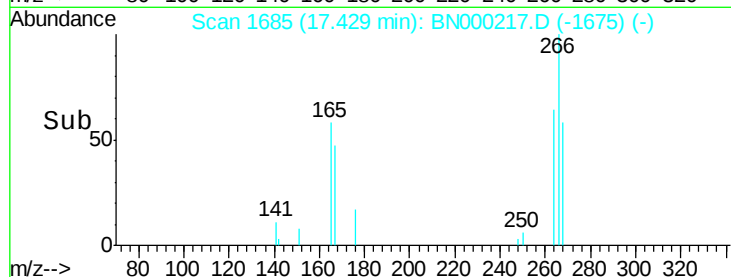
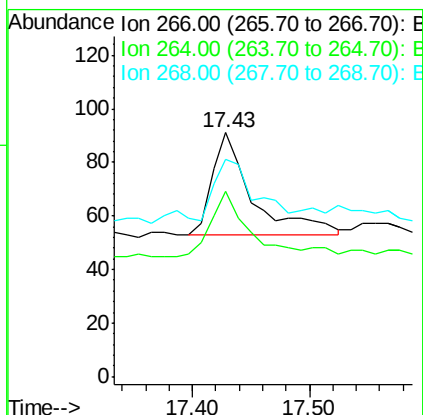
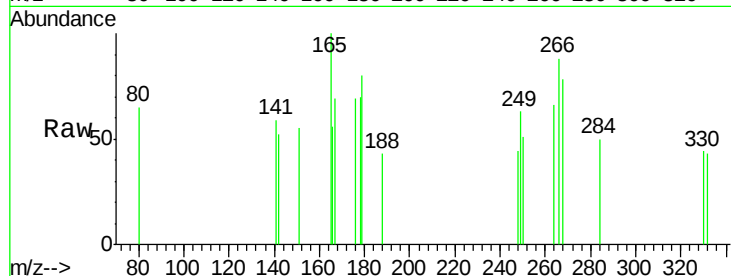
Tgt Ion:266 Resp: 91

Ion Ratio Lower Upper

266 100

264 75.8 48.0 72.0#

268 89.0 52.0 78.0#



#23

Phenanthrene

Concen: 0.001 ng

RT: 17.82 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

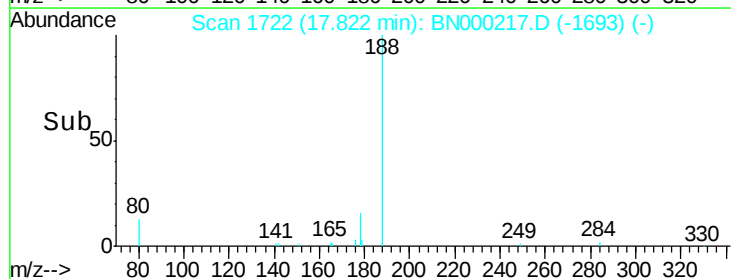
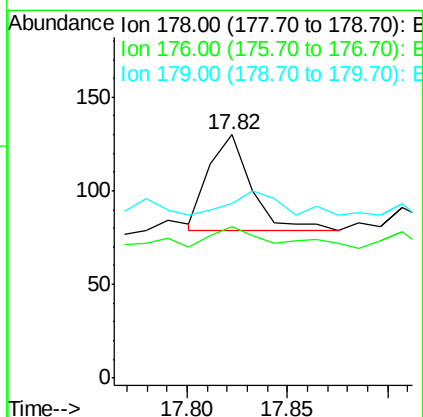
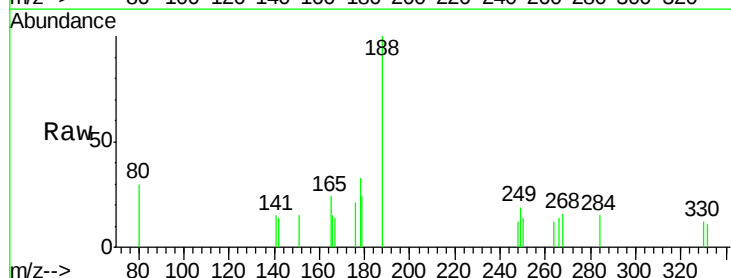
Tgt Ion:178 Resp: 75

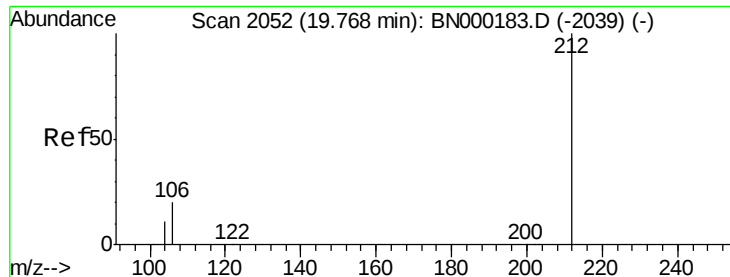
Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

179 0.0 11.8 17.6#

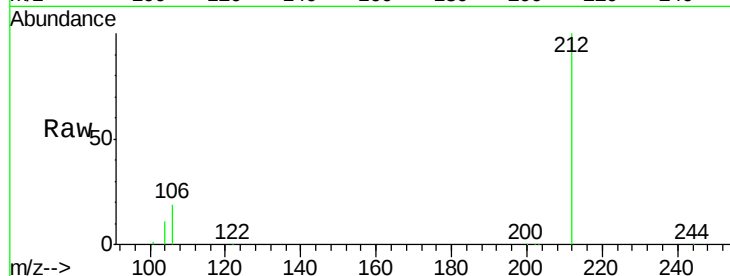




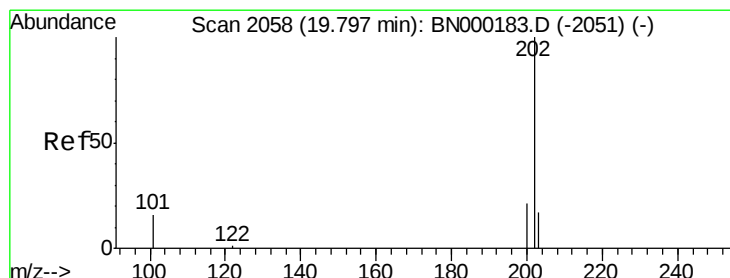
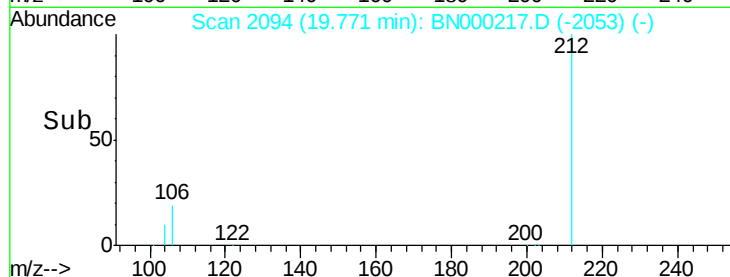
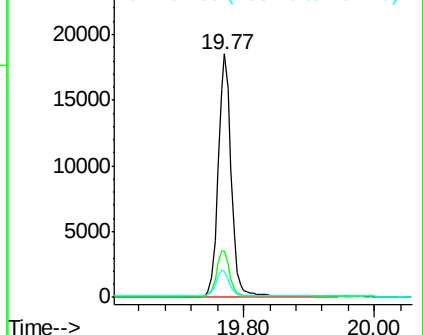
#25
 Fluoranthene-d10
 Concen: 0.383 ng
 RT: 19.77 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BN000217.D
 Acq: 01 Mar 2018 15:02

Instrument :
 BNA_N
 ClientSampleId :
 PB106169BL

Tgt Ion: 212 Resp: 25761
 Ion Ratio Lower Upper
 212 100
 106 19.0 2.8 4.2#
 104 10.8 1.6 2.4#

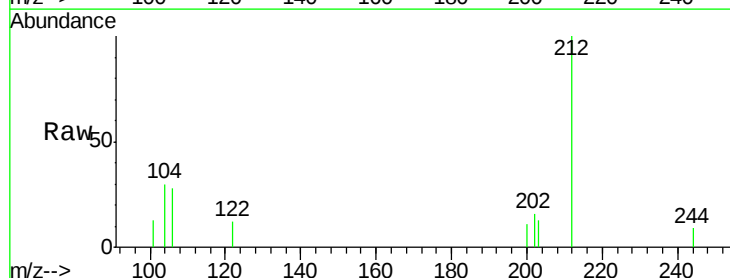


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

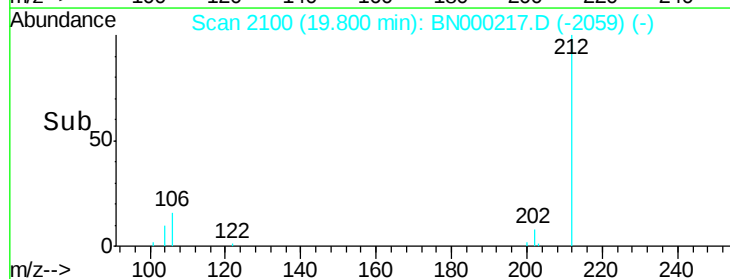
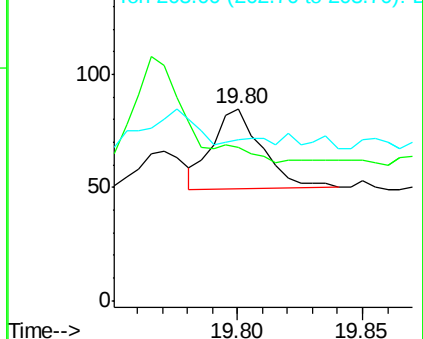


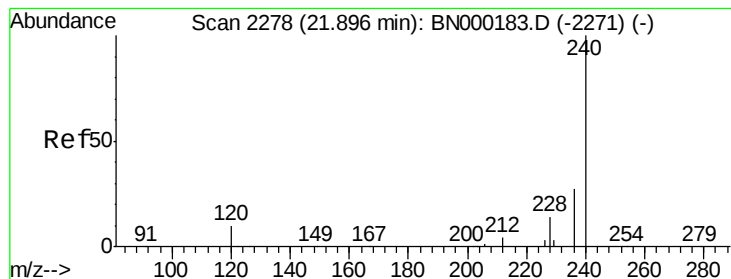
#26
 Fluoranthene
 Concen: 0.001 ng
 RT: 19.80 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BN000217.D
 Acq: 01 Mar 2018 15:02

Tgt Ion: 202 Resp: 49
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.8 14.8#
 203 6.1 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: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

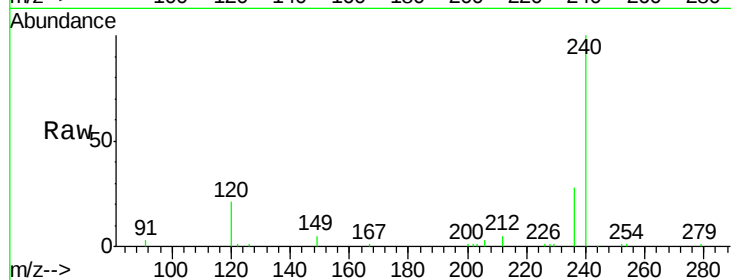
Tgt Ion:240 Resp: 19523

Ion Ratio Lower Upper

240 100

120 21.3 5.5 8.3#

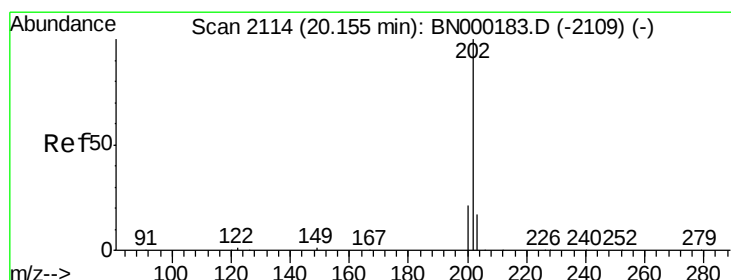
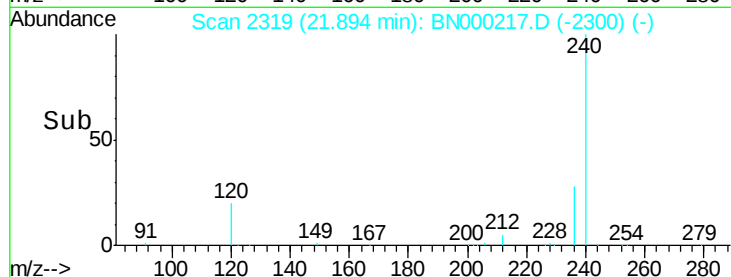
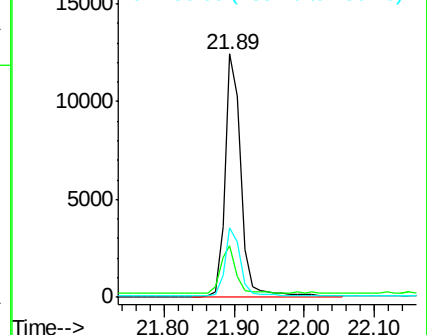
236 28.4 20.7 31.1



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# 2155

Delta R.T. -0.00 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

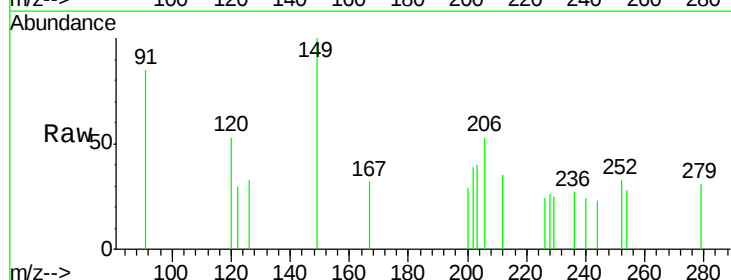
Tgt Ion:202 Resp: 52

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

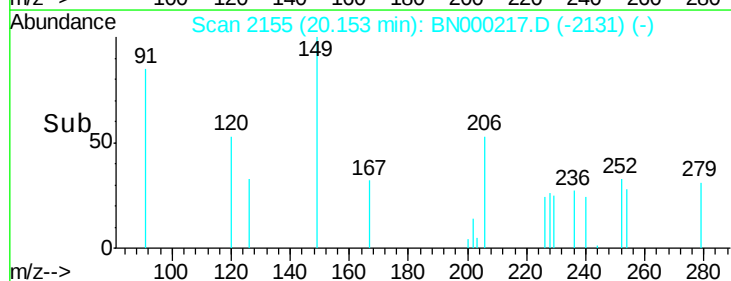
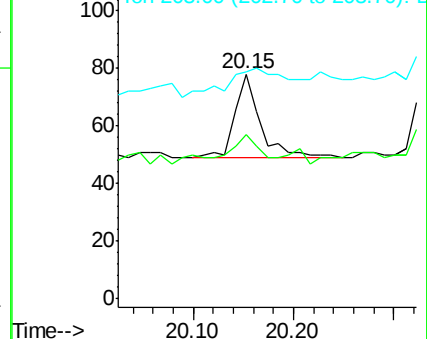
203 51.9 13.8 20.8#

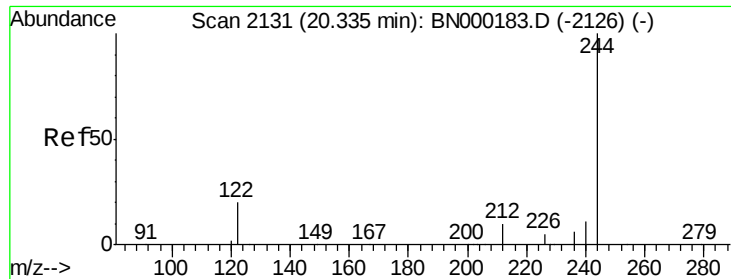


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.436 ng

RT: 20.34 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

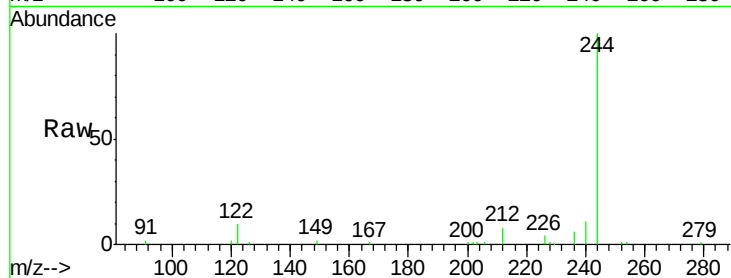
Tgt Ion:244 Resp: 14947

Ion Ratio Lower Upper

244 100

212 7.5 25.4 38.0#

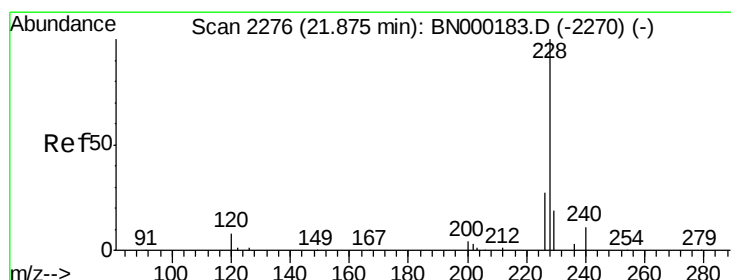
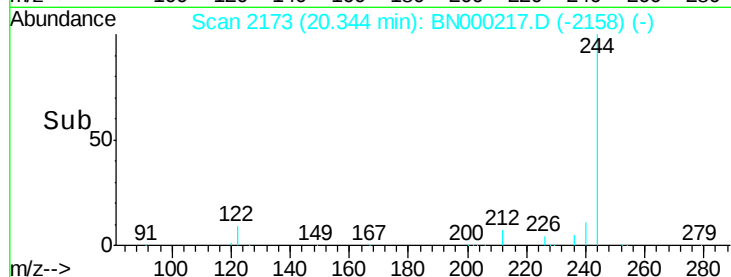
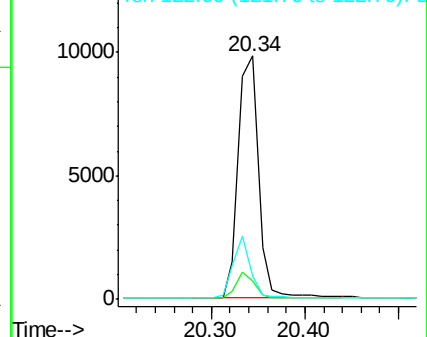
122 9.8 8.1 12.1



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: 0.003 ng

RT: 21.88 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

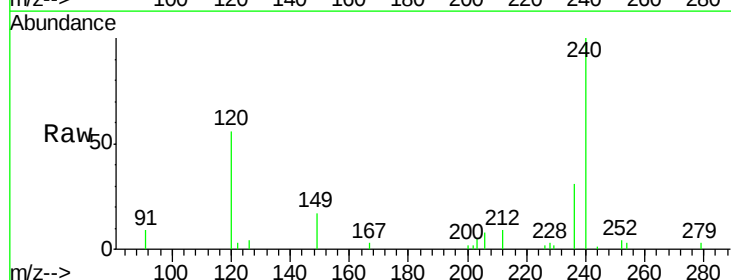
Tgt Ion:228 Resp: 173

Ion Ratio Lower Upper

228 100

226 55.7 24.0 36.0#

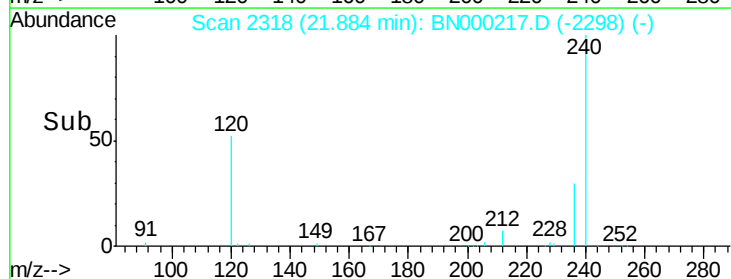
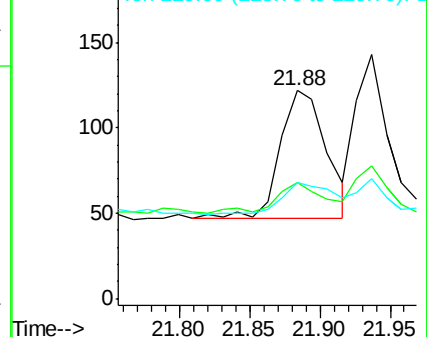
229 55.7 16.0 24.0#

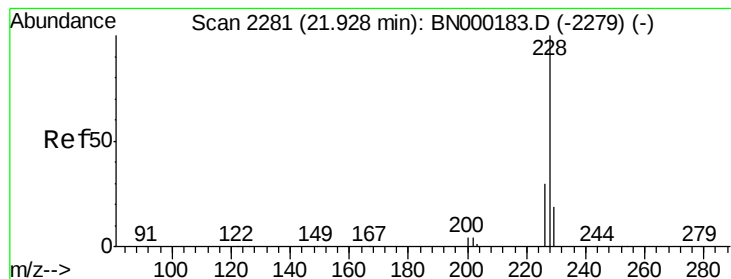


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.002 ng

RT: 21.94 min Scan# 2323

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

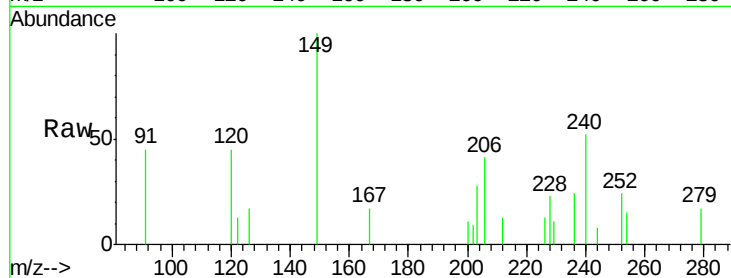
Tgt Ion:228 Resp: 150

Ion Ratio Lower Upper

228 100

226 54.5 24.0 36.0#

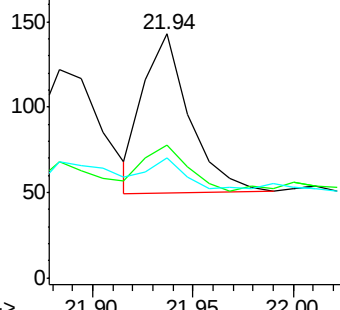
229 49.0 16.0 24.0#



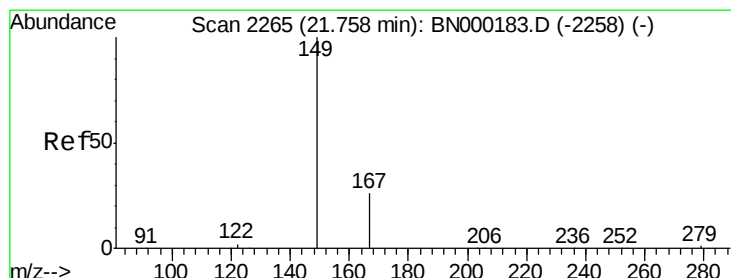
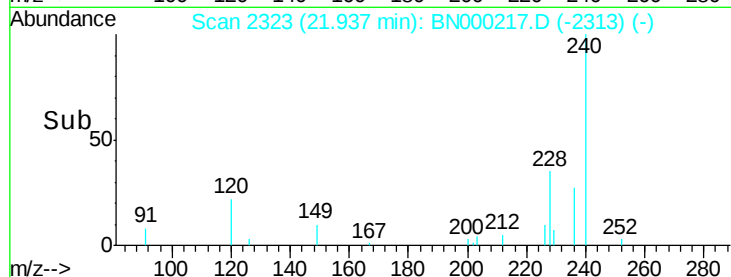
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.012 ng

RT: 21.77 min Scan# 2307

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

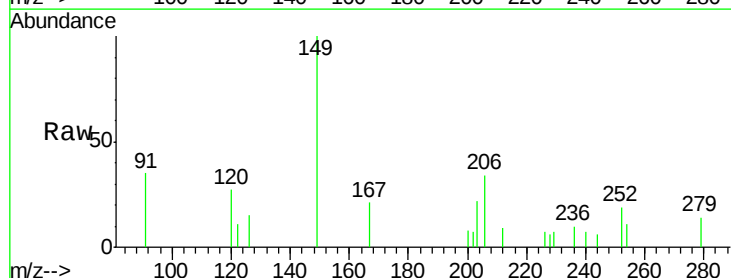
Tgt Ion:149 Resp: 271

Ion Ratio Lower Upper

149 100

167 36.5 20.0 30.0#

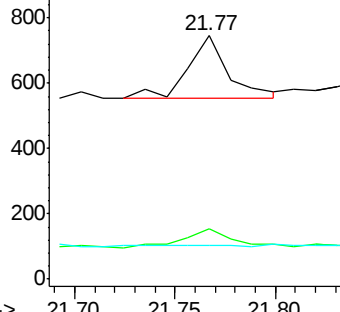
279 3.0 1.6 2.4#



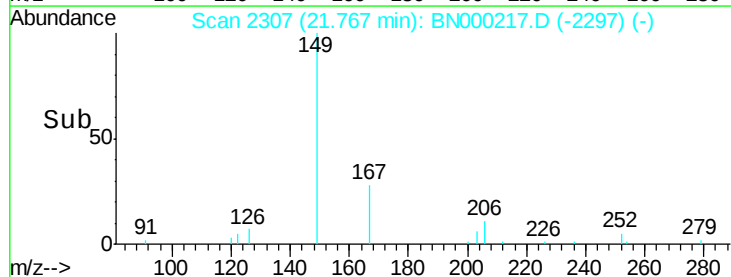
Abundance Ion 149.00 (148.70 to 149.70): E

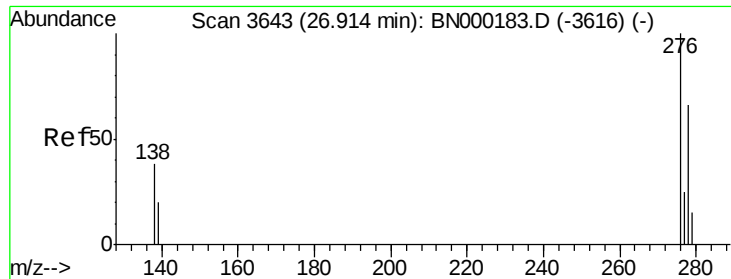
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.004 ng

RT: 26.94 min Scan# 3691

Delta R.T. 0.02 min

Lab File: BN000217.D

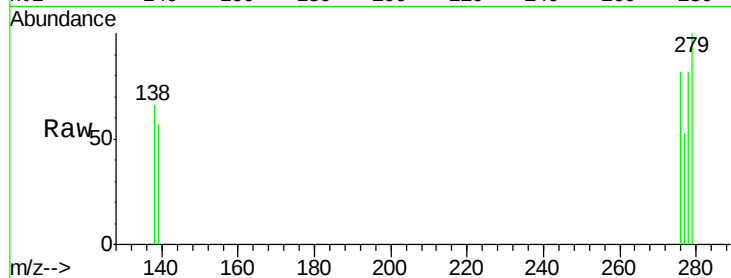
Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL



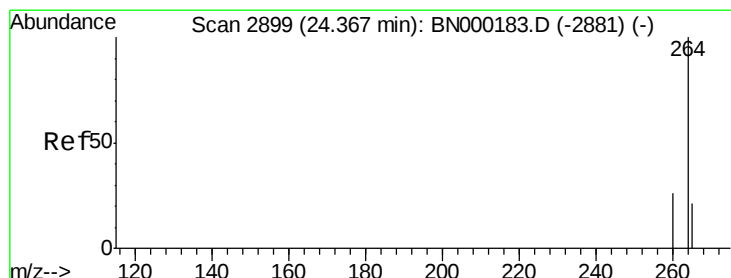
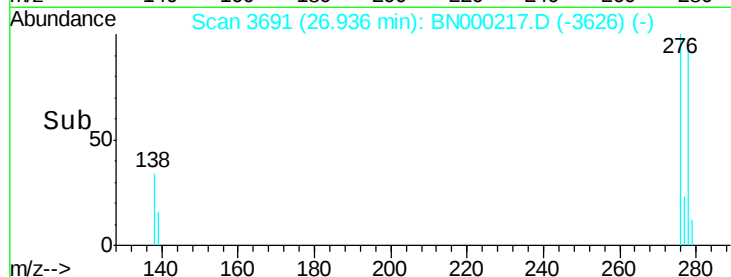
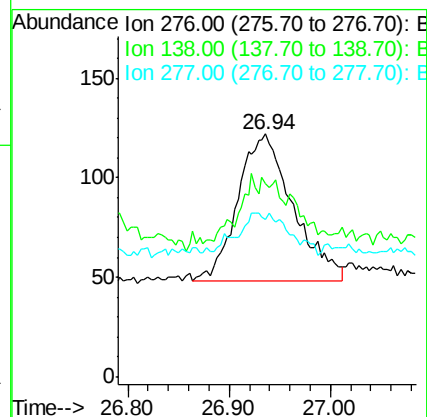
Tgt Ion:276 Resp: 281

Ion Ratio Lower Upper

276 100

138 14.2 22.5 33.7#

277 5.3 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.38 min Scan# 2943

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

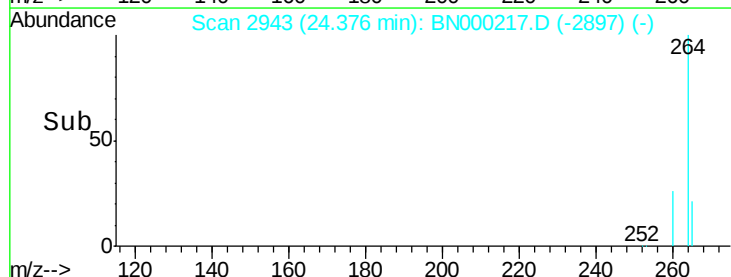
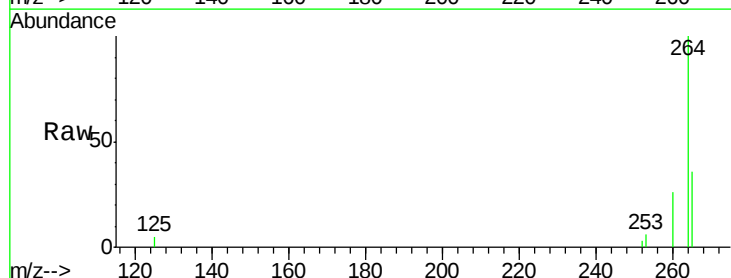
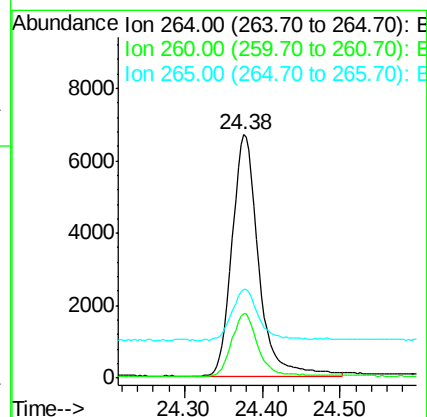
Tgt Ion:264 Resp: 15872

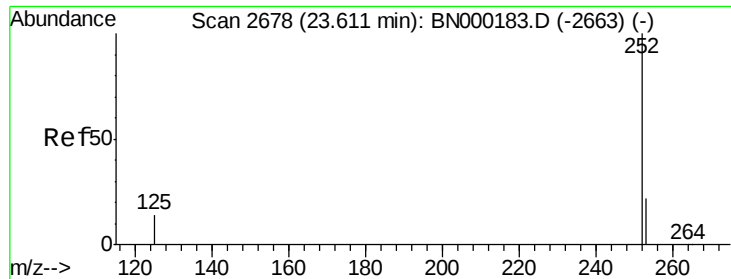
Ion Ratio Lower Upper

264 100

260 26.5 20.5 30.7

265 36.5 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 23.62 min Scan# 2723

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL

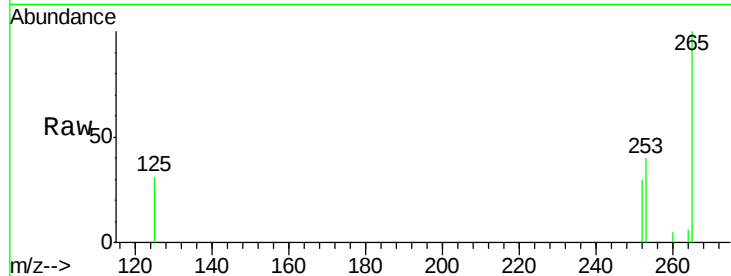
Tgt Ion:252 Resp: 215

Ion Ratio Lower Upper

252 100

253 131.1 20.0 30.0#

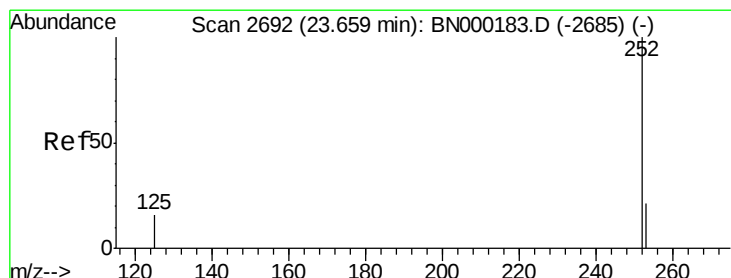
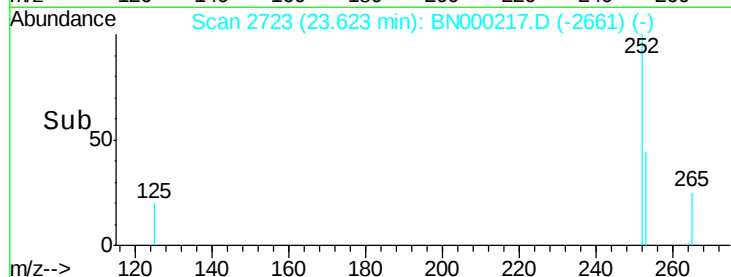
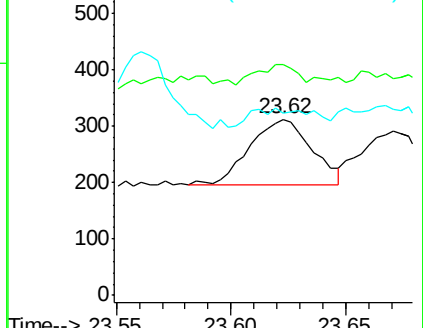
125 103.8 16.0 24.0#



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: 0.003 ng

RT: 23.67 min Scan# 2737

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

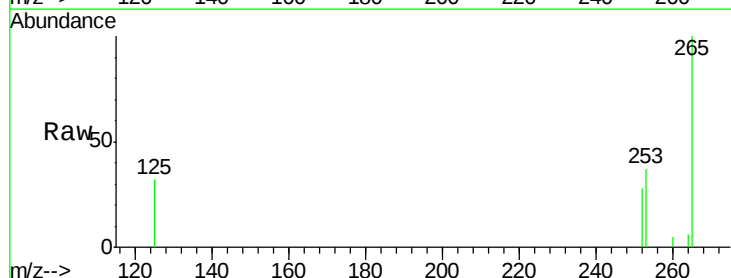
Tgt Ion:252 Resp: 199

Ion Ratio Lower Upper

252 100

253 131.8 16.0 24.0#

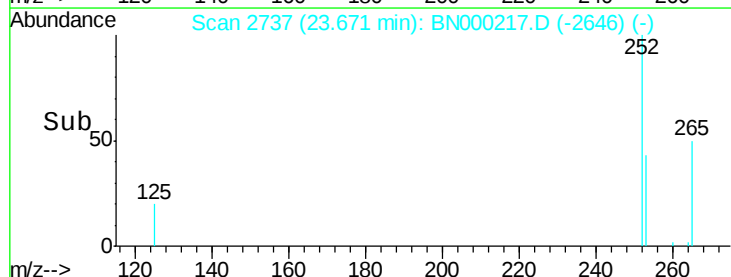
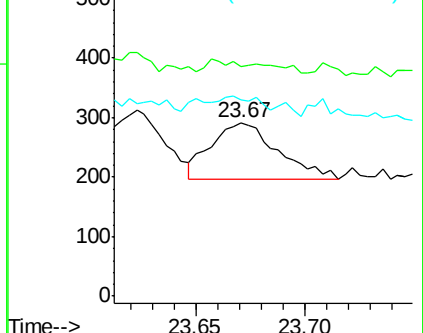
125 113.0 8.0 12.0#

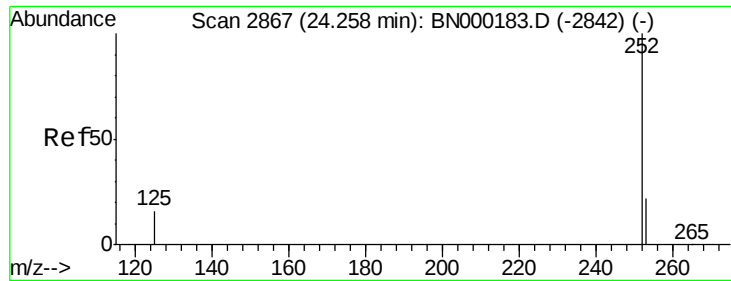


Abundance Ion 252.00 (251.70 to 252.70): E

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# 2912

Delta R.T. 0.01 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampled :

PB106169BL

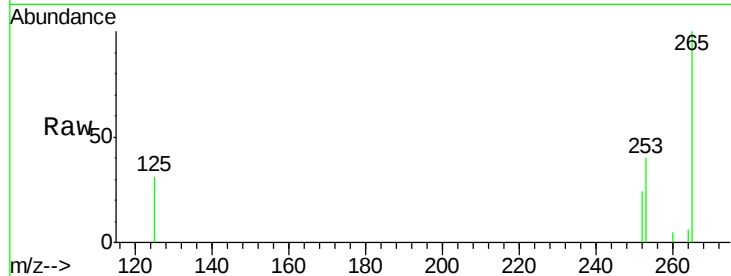
Tgt Ion:252 Resp: 107

Ion Ratio Lower Upper

252 100

253 169.8 16.0 24.0#

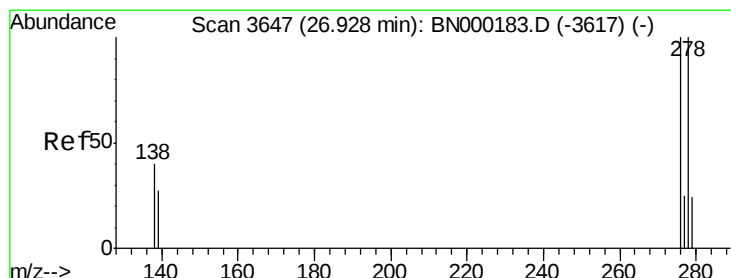
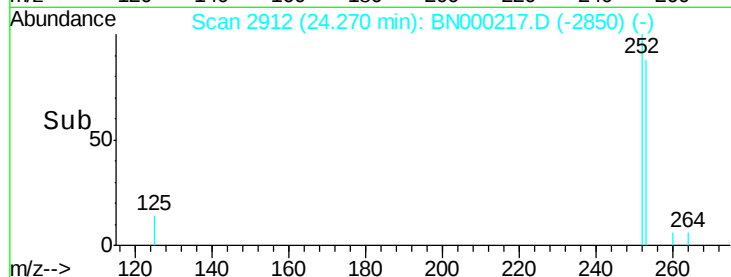
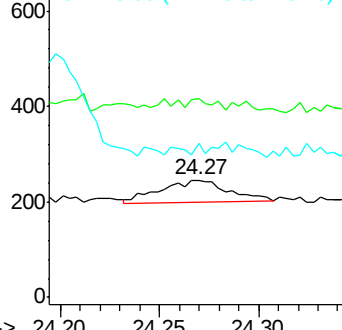
125 132.2 12.0 18.0#



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: 0.006 ng

RT: 26.95 min Scan# 3696

Delta R.T. 0.03 min

Lab File: BN000217.D

Acq: 01 Mar 2018 15:02

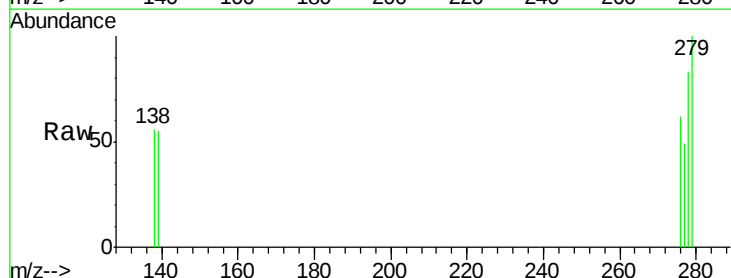
Tgt Ion:278 Resp: 296

Ion Ratio Lower Upper

278 100

139 65.6 16.0 24.0#

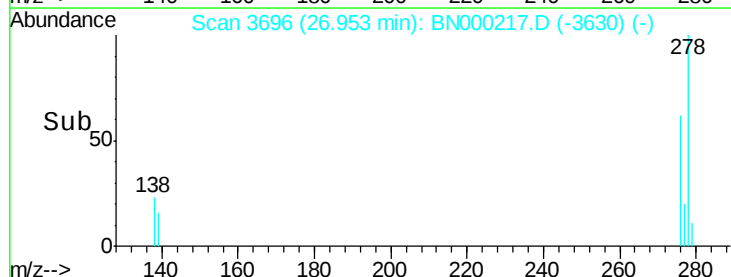
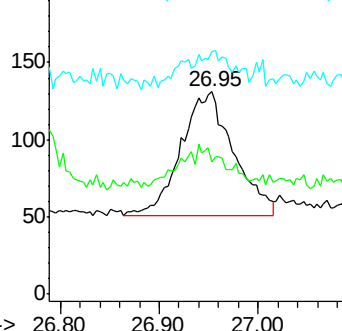
279 119.8 20.0 30.0#

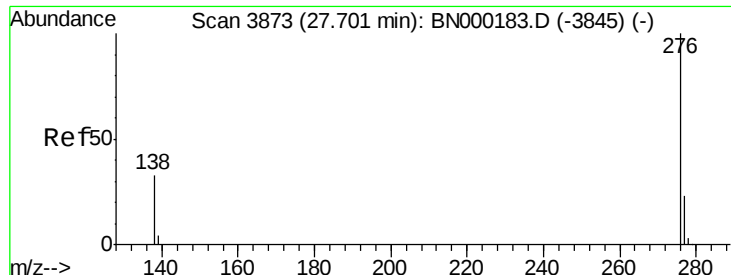


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.003 ng

RT: 27.72 min Scan# 3920

Delta R.T. 0.02 min

Lab File: BN000217.D

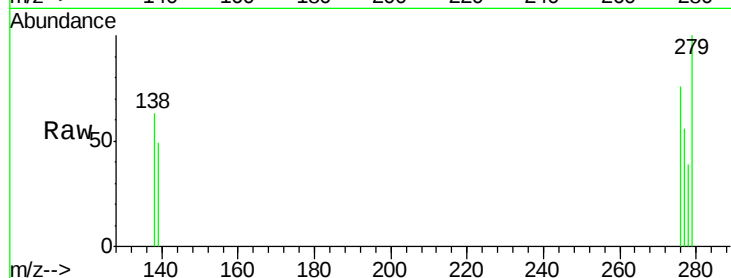
Acq: 01 Mar 2018 15:02

Instrument :

BNA_N

ClientSampleId :

PB106169BL



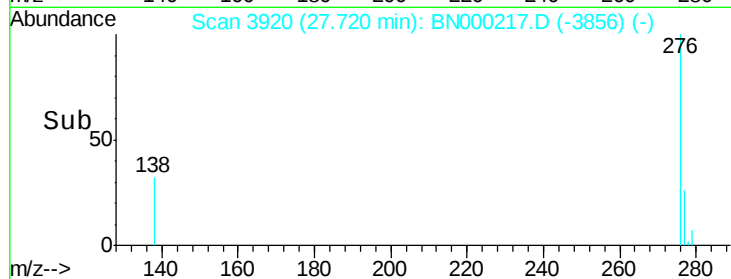
Tgt Ion: 276 Resp: 204

Ion Ratio Lower Upper

276 100

277 72.9 16.0 24.0#

138 82.2 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

