

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
 Data File : BN000218.D
 Acq On : 01 Mar 2018 15:37
 Operator : JU/SJ
 Sample : PB106170BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB106170BL

Quant Time: Mar 01 17:47:01 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 15:07:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	6724	0.40	ng	0.00
7) Naphthalene-d8	11.29	136	24715	0.40	ng	0.00
13) Acenaphthene-d10	15.06	164	12357	0.40	ng	0.00
19) Phenanthrene-d10	17.78	188	28623	0.40	ng	0.00
27) Chrysene-d12	21.89	240	20758	0.40	ng	0.00
34) Perylene-d12	24.37	264	16620	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.93	112	5185	0.37	ng	0.00
5) Phenol-d6	7.57	99	6330	0.35	ng	0.00
8) Nitrobenzene-d5	9.63	82	5305	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.85	152	15023	0.40	ng	0.00
14) 2,4,6-Tribromophenol	16.54	330	1225	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.69	172	22847	0.39	ng	0.00
25) Fluoranthene-d10	19.77	212	28688	0.38	ng	0.00
29) Terphenyl-d14	20.33	244	16445	0.45	ng	0.00

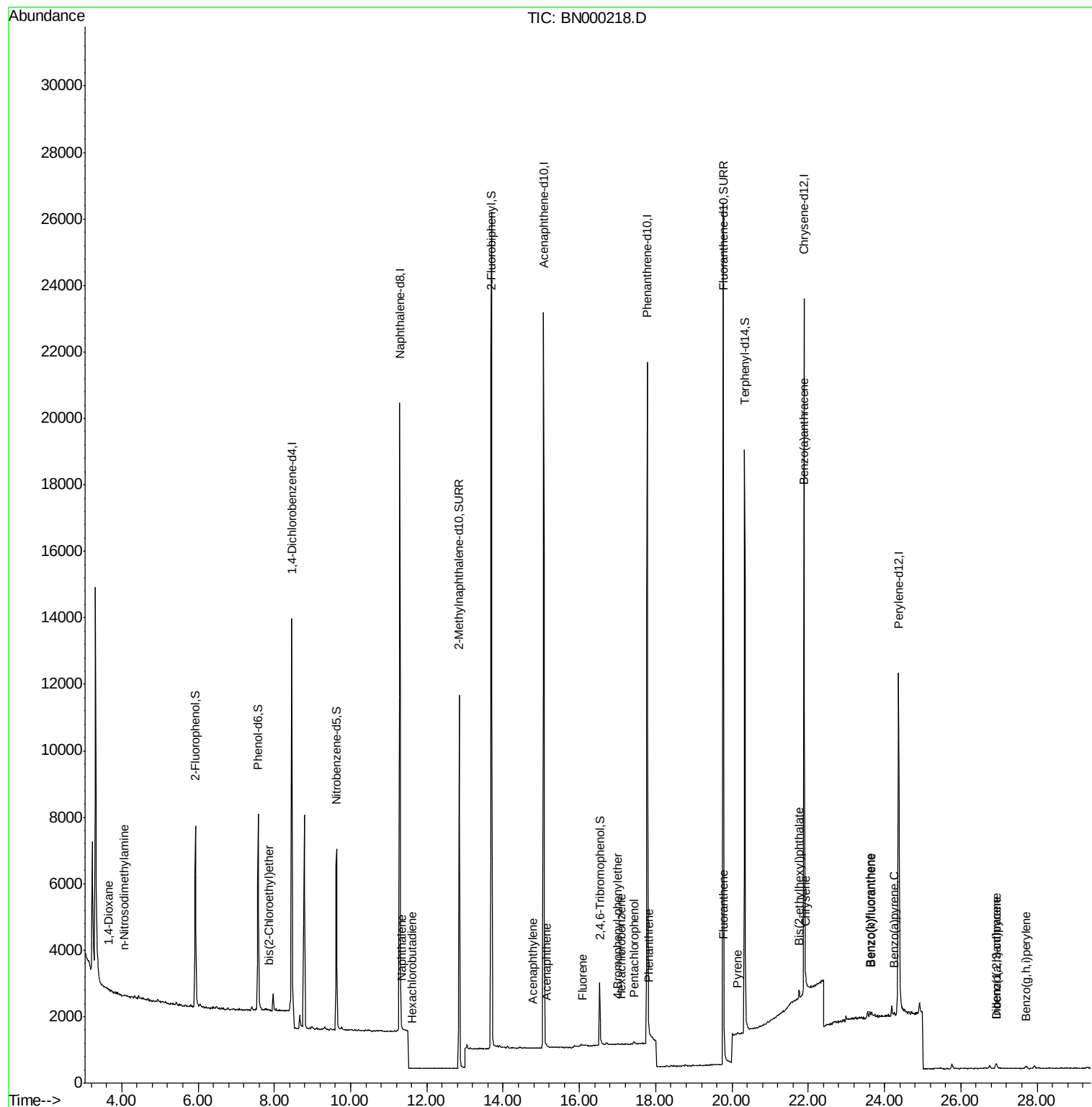
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.66	88	60	0.009	ng	# 36
3) n-Nitrosodimethylamine	4.07	42	33	0.106	ng	# 34
6) bis(2-Chloroethyl)ether	7.86	93	10	0.000	ng	# 40
9) Naphthalene	11.34	128	78	0.001	ng	# 1
10) Hexachlorobutadiene	11.61	225	3	0.000	ng	# 38
16) Acenaphthylene	14.79	152	21	0.000	ng	# 89
17) Acenaphthene	15.13	154	12	0.000	ng	# 50
18) Fluorene	16.09	166	40	0.001	ng	# 55
20) 4-Bromophenyl-phenylether	16.99	248	1	0.000	ng	# 41
21) Hexachlorobenzene	17.10	284	10	0.000	ng	# 58
22) Pentachlorophenol	17.43	266	68	0.105	ng	# 62
23) Phenanthrene	17.82	178	94	0.001	ng	# 61
26) Fluoranthene	19.80	202	55	0.001	ng	# 64
28) Pyrene	20.15	202	62	0.001	ng	# 82
30) Benzo(a)anthracene	21.88	228	143	0.002	ng	# 43
31) Chrysene	21.93	228	141	0.002	ng	# 43
32) Bis(2-ethylhexyl)phthalate	21.76	149	357	0.015	ng	# 94
33) Indeno(1,2,3-cd)pyrene	26.92	276	176	0.002	ng	# 64
35) Benzo(b)fluoranthene	23.62	252	244	0.003	ng	# 1
36) Benzo(k)fluoranthene	23.66	252	191	0.003	ng	# 1
37) Benzo(a)pyrene	24.26	252	41	0.001	ng	# 1
38) Dibenzo(a,h)anthracene	26.94	278	185	0.003	ng	# 1
39) Benzo(g,h,i)perylene	27.71	276	153	0.002	ng	# 1

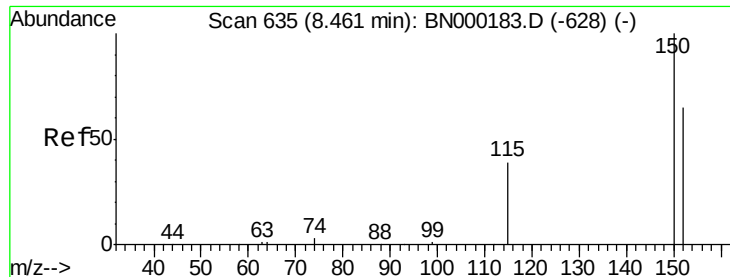
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN030118\
Data File : BN000218.D
Acq On : 01 Mar 2018 15:37
Operator : JU/SJ
Sample : PB106170BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB106170BL

Quant Time: Mar 01 17:47:01 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 15:07:57 2018
Response via : Initial Calibration



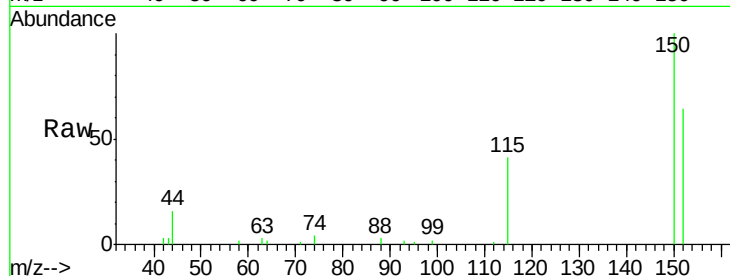


#1

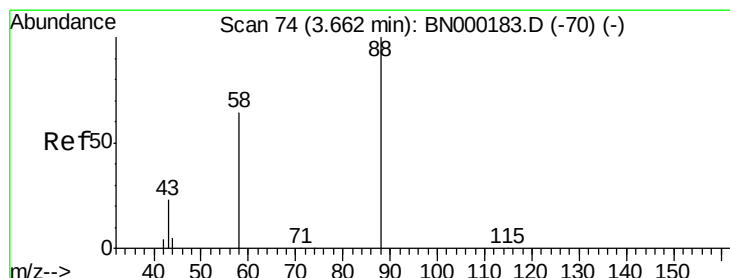
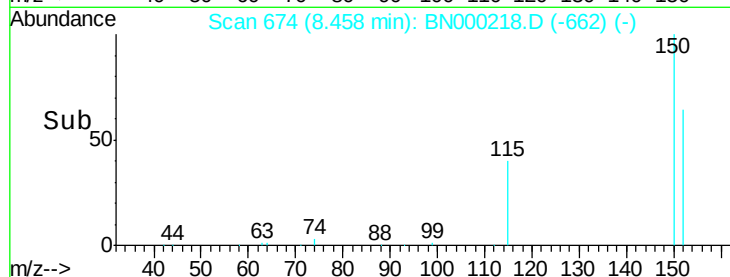
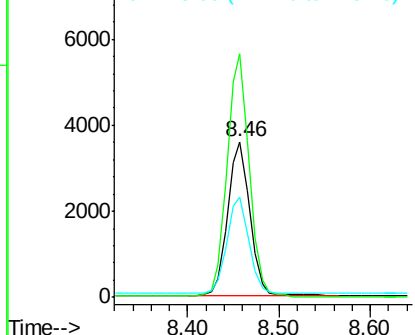
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.46 min Scan# 674
Delta R.T. -0.00 min
Lab File: BN000218.D
Acq: 01 Mar 2018 15:37

Instrument :
BNA_N
ClientSampleId :
PB106170BL

Tgt Ion: 152 Resp: 6724
Ion Ratio Lower Upper
152 100
150 156.3 117.2 175.8
115 63.9 57.0 85.6



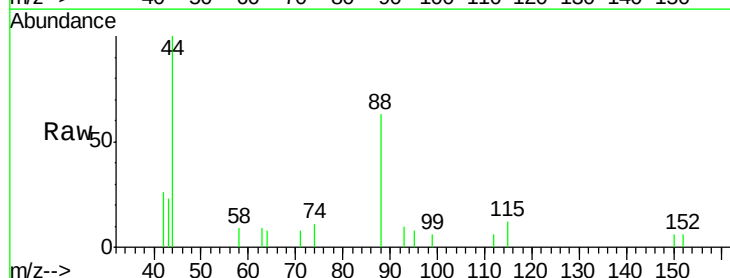
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



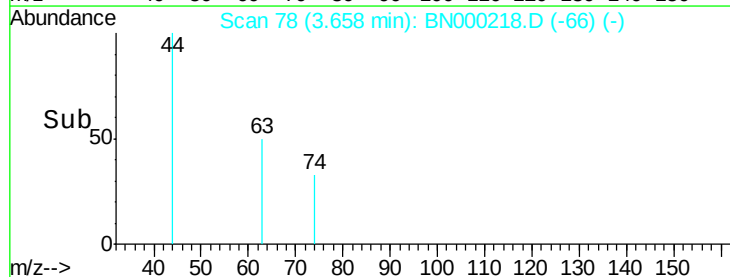
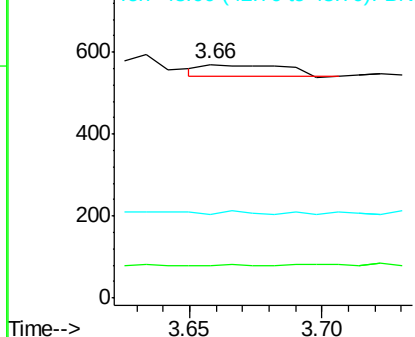
#2

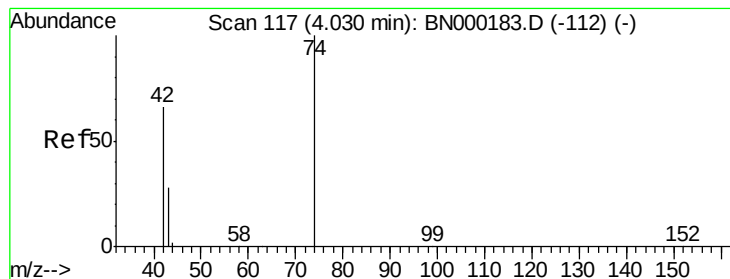
1,4-Dioxane
Concen: 0.009 ng
RT: 3.66 min Scan# 78
Delta R.T. -0.00 min
Lab File: BN000218.D
Acq: 01 Mar 2018 15:37

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
58 6.7 48.0 72.0#
43 0.0 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: 0.106 ng

RT: 4.07 min Scan# 129

Delta R.T. 0.04 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

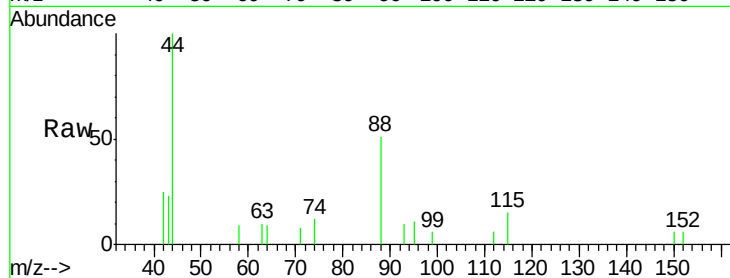
Tgt Ion: 42 Resp: 33

Ion Ratio Lower Upper

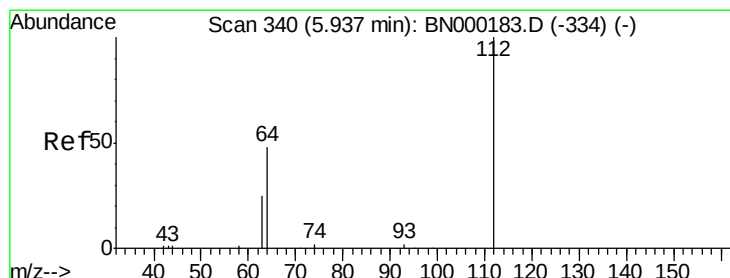
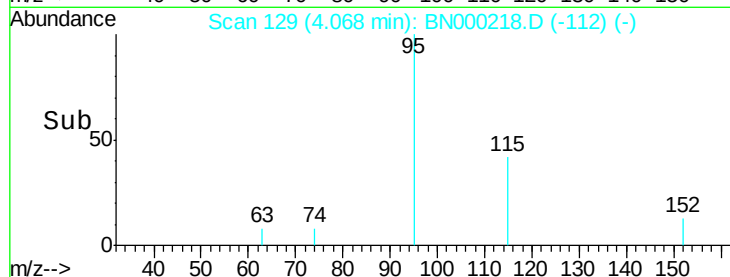
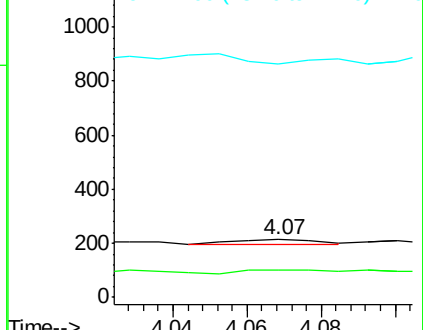
42 100

74 63.6 120.0 180.0#

44 0.0 4.0 6.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.365 ng

RT: 5.93 min Scan# 360

Delta R.T. -0.01 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

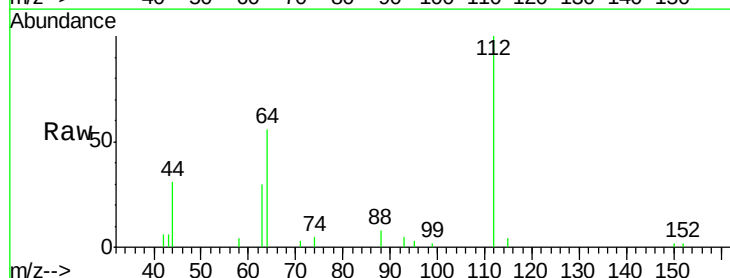
Tgt Ion: 112 Resp: 5185

Ion Ratio Lower Upper

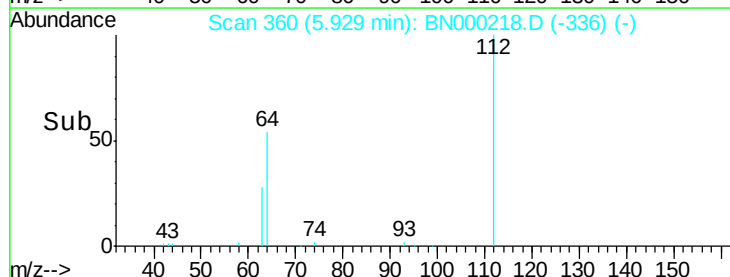
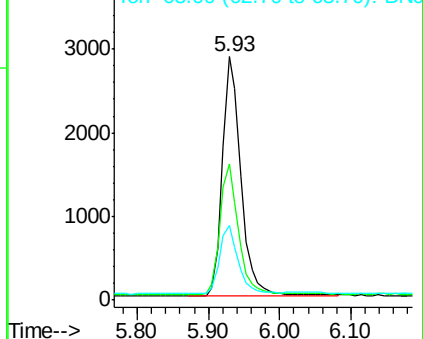
112 100

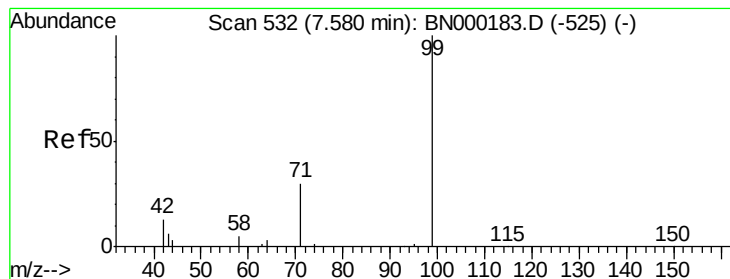
64 54.8 60.1 90.1#

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): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.351 ng

RT: 7.57 min Scan# 564

Delta R.T. -0.01 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

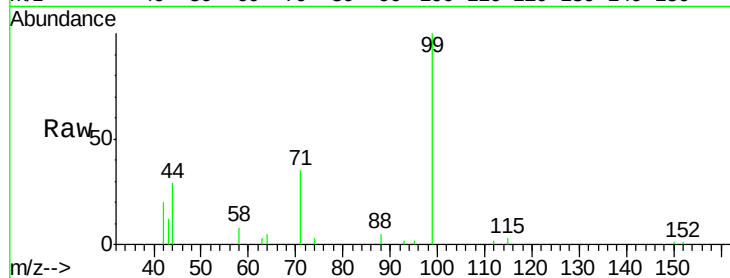
Tgt Ion: 99 Resp: 6330

Ion Ratio Lower Upper

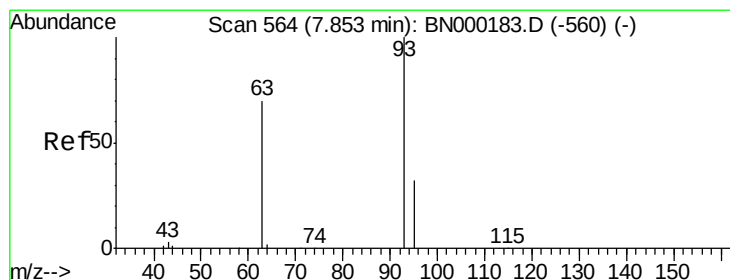
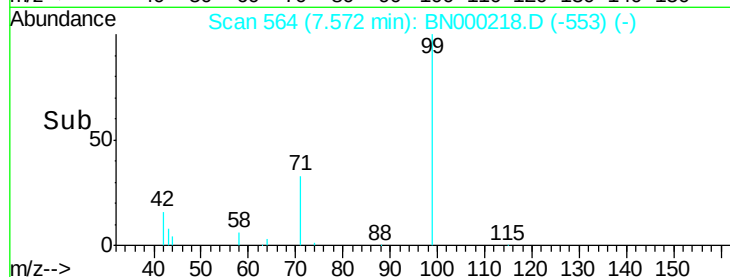
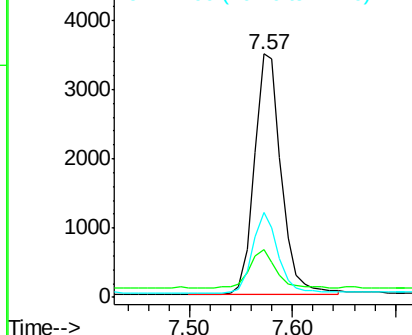
99 100

42 15.1 20.2 30.2#

71 31.8 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: 7.86 min Scan# 600

Delta R.T. 0.01 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

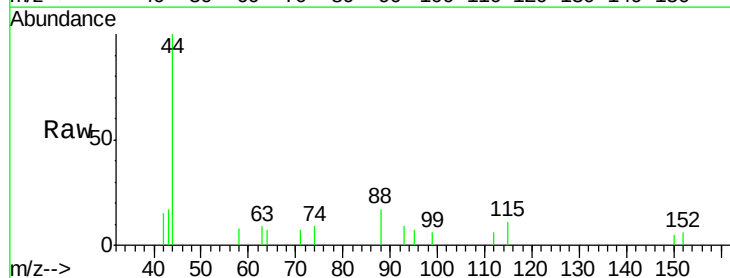
Tgt Ion: 93 Resp: 10

Ion Ratio Lower Upper

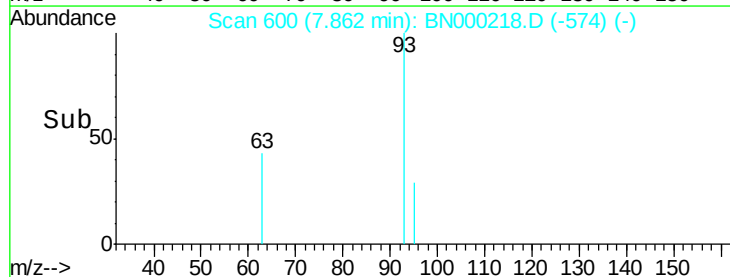
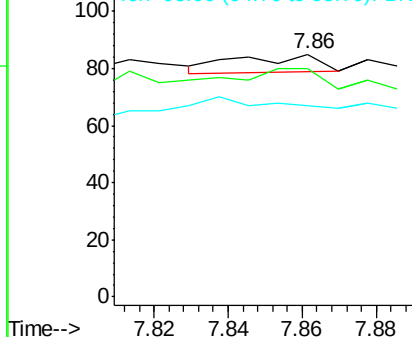
93 100

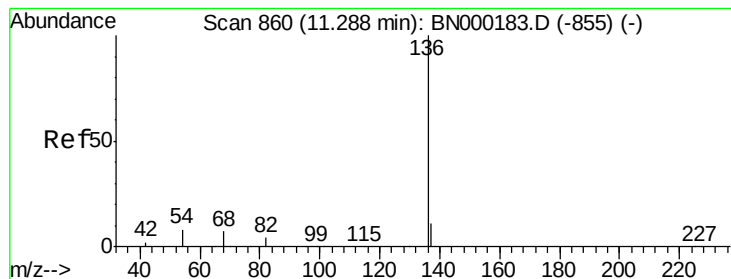
63 120.0 56.0 84.0#

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: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

Tgt Ion:136 Resp: 24715

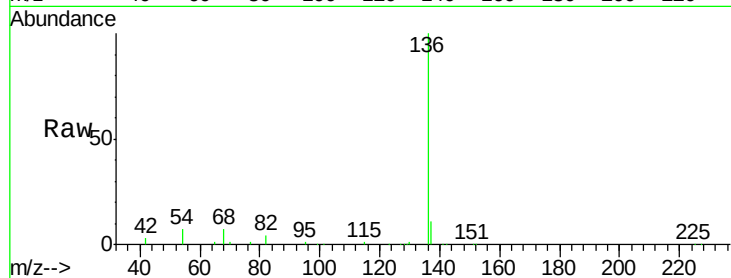
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 7.2 29.1 43.7#

68 6.9 6.2 9.2

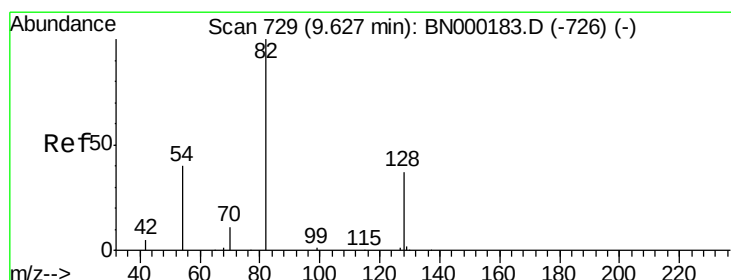
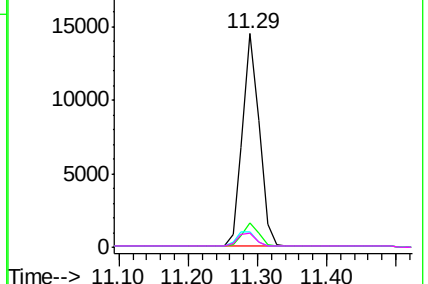
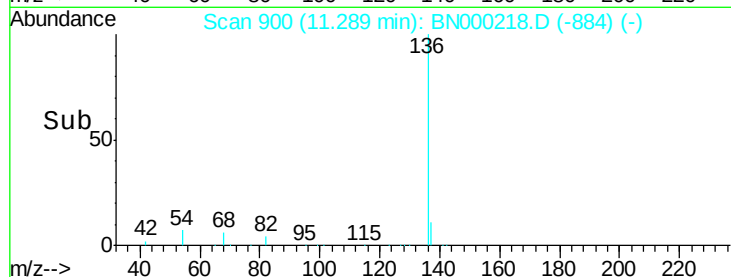


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.362 ng

RT: 9.63 min Scan# 769

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

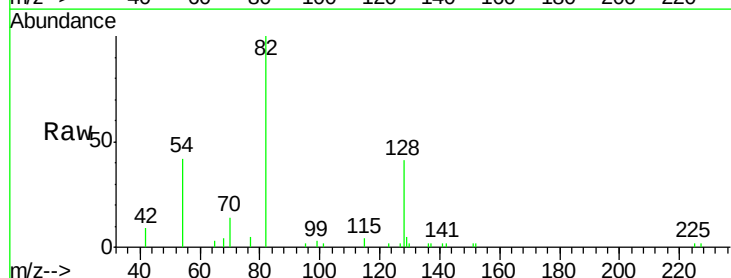
Tgt Ion: 82 Resp: 5305

Ion Ratio Lower Upper

82 100

128 40.7 150.0 225.0#

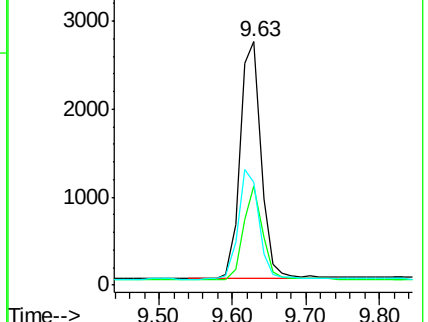
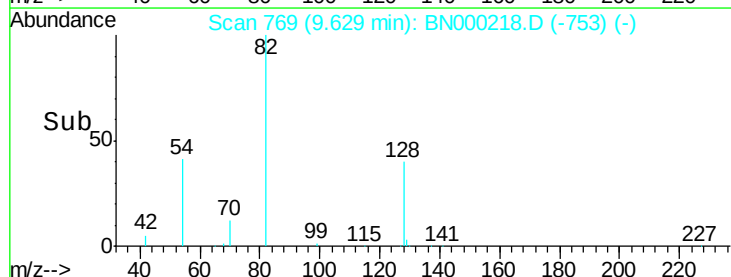
54 42.2 154.2 231.4#

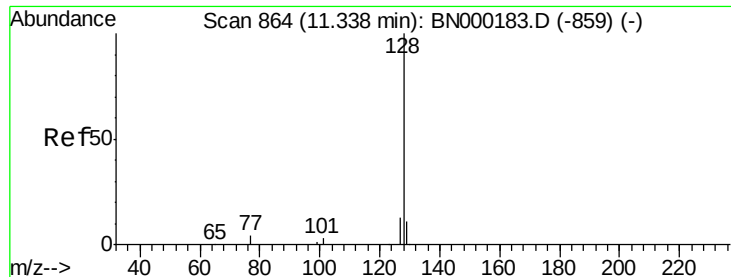


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

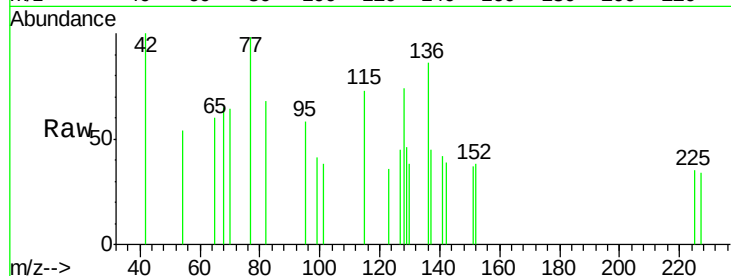
Tgt Ion:128 Resp: 78

Ion Ratio Lower Upper

128 100

129 61.6 8.0 12.0#

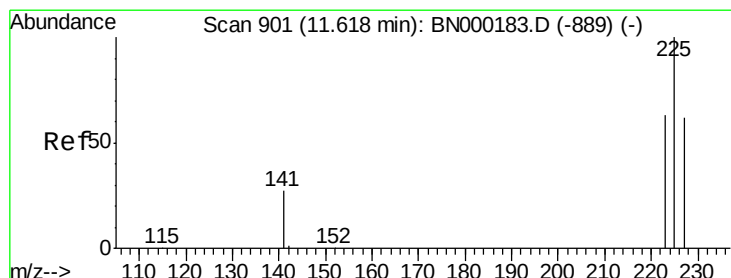
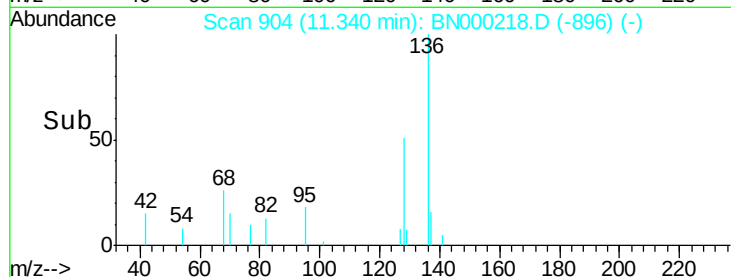
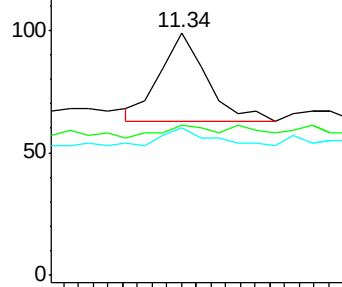
127 60.6 9.6 14.4#



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: 11.61 min Scan# 941

Delta R.T. -0.01 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

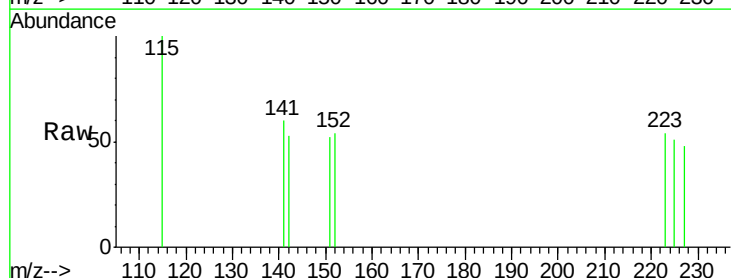
Tgt Ion:225 Resp: 3

Ion Ratio Lower Upper

225 100

223 133.3 53.0 79.6#

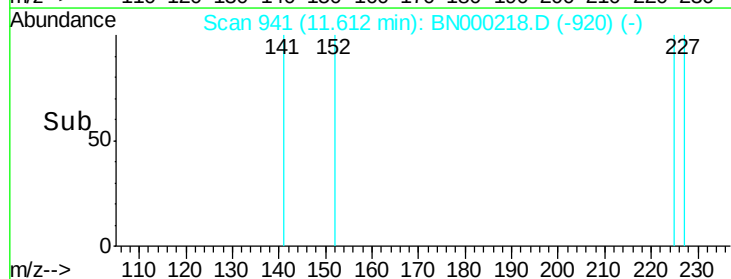
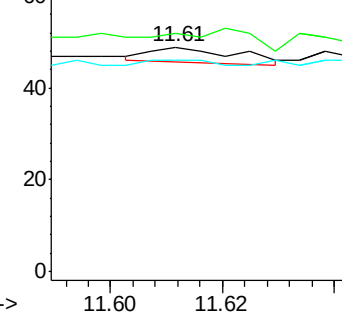
227 33.3 51.4 77.2#

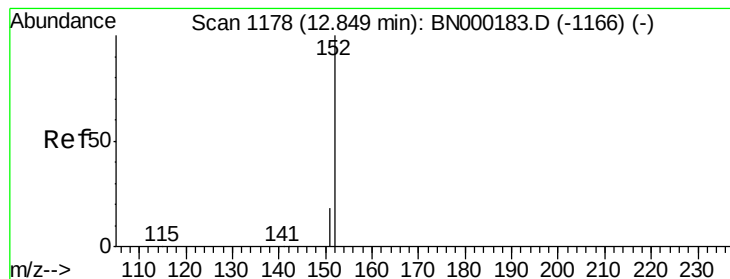


Abundance Ion 225.00 (224.70 to 225.70): E

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: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

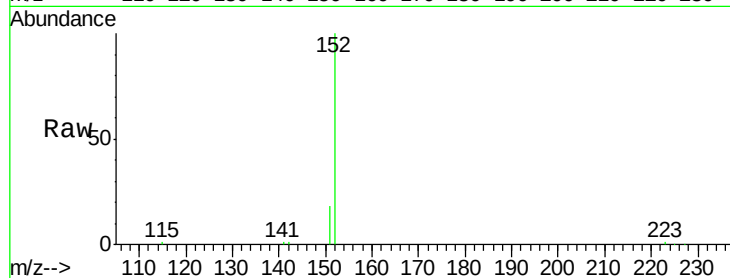
PB106170BL

Tgt Ion:152 Resp: 15023

Ion Ratio Lower Upper

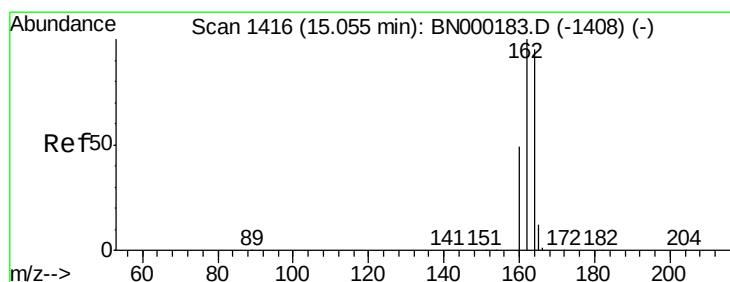
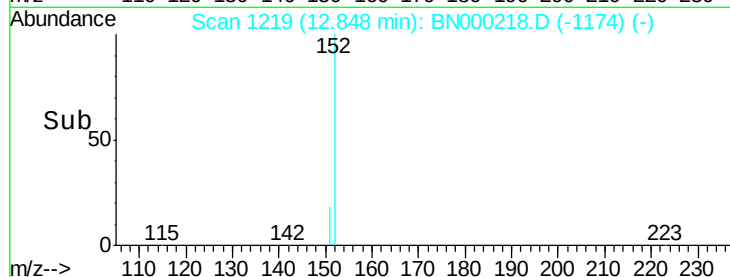
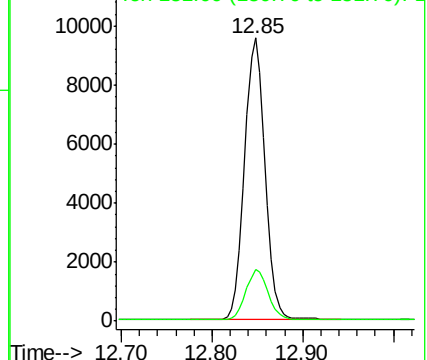
152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

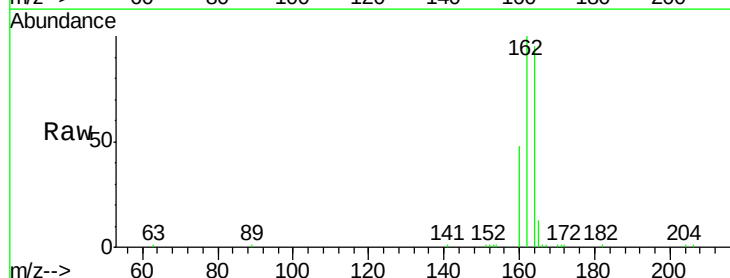
Tgt Ion:164 Resp: 12357

Ion Ratio Lower Upper

164 100

162 105.8 83.1 124.7

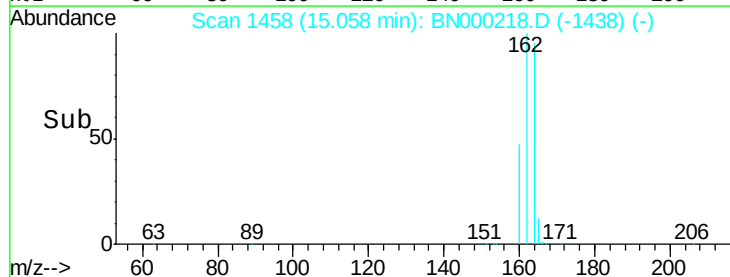
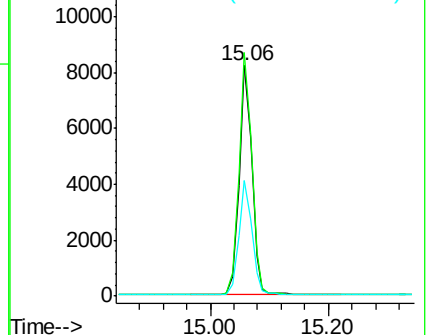
160 50.4 37.1 55.7

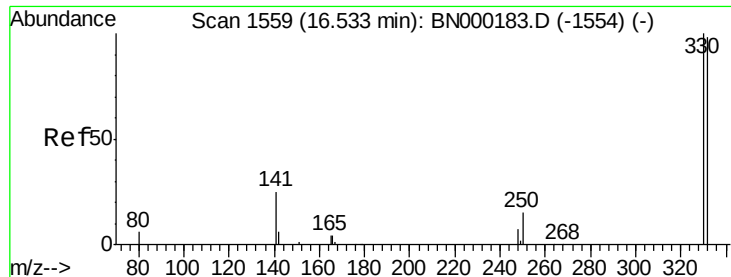


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

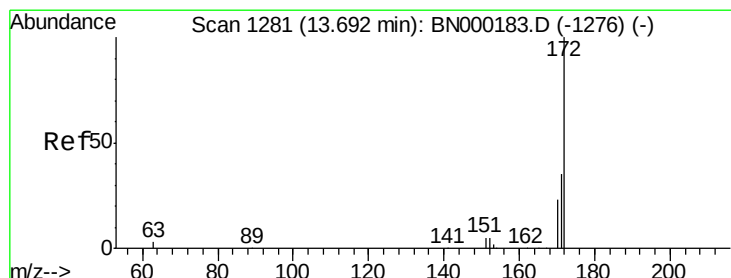
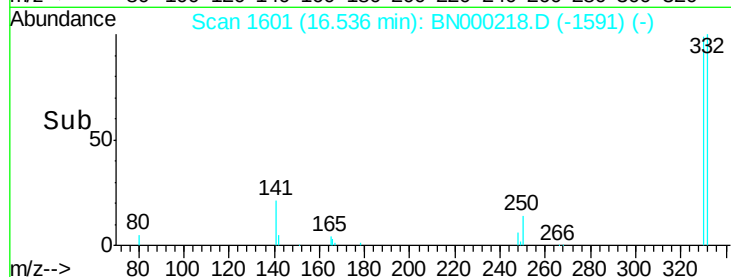
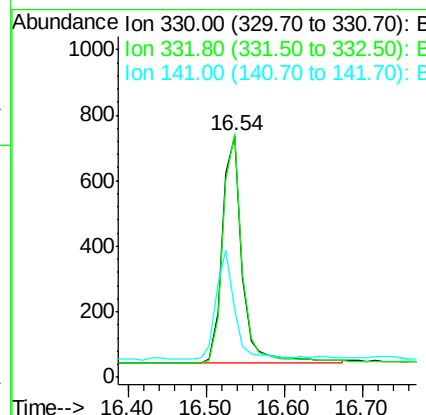
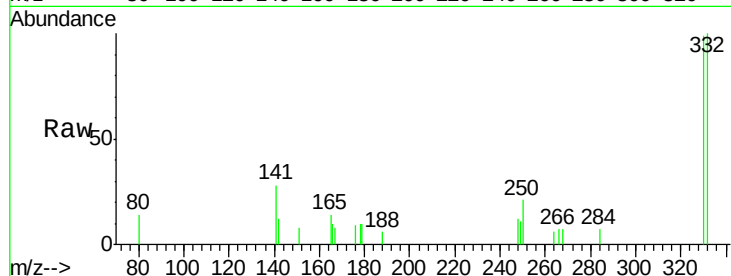




#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 16.54 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BN000218.D
Acq: 01 Mar 2018 15:37

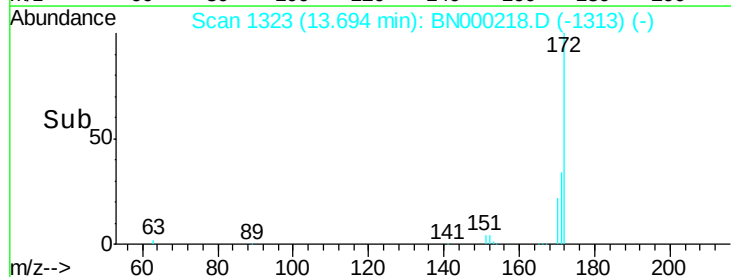
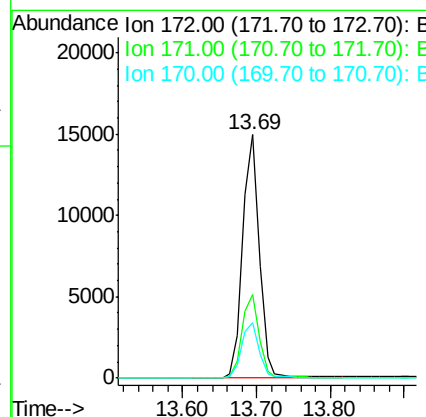
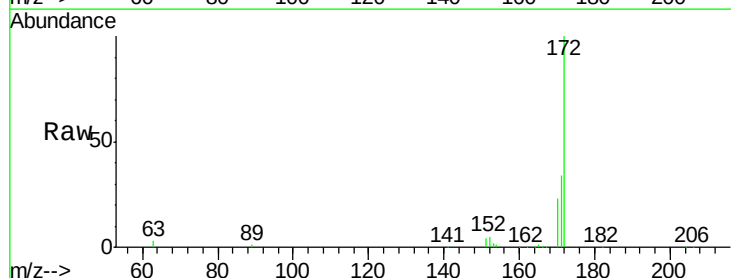
Instrument :
BNA_N
ClientSampleId :
PB106170BL

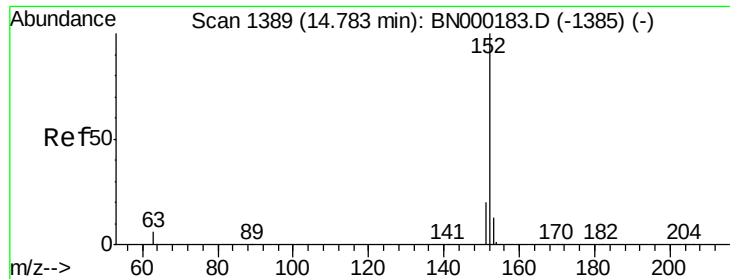
Tgt Ion: 330 Resp: 1225
Ion Ratio Lower Upper
330 100
332 99.8 152.7 229.1#
141 45.5 33.7 50.5



#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.69 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN000218.D
Acq: 01 Mar 2018 15:37

Tgt Ion: 172 Resp: 22847
Ion Ratio Lower Upper
172 100
171 34.1 29.9 44.9
170 22.7 21.8 32.8





#16

Acenaphthylene

Concen: 0.000 ng

RT: 14.79 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

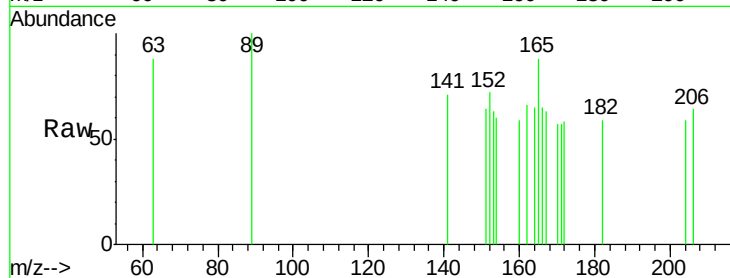
Instrument :

BNA_N

ClientSampleId :

PB106170BL

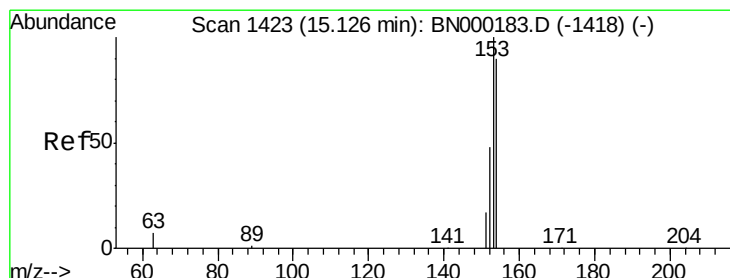
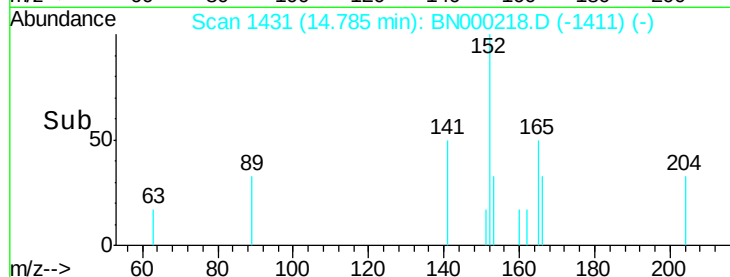
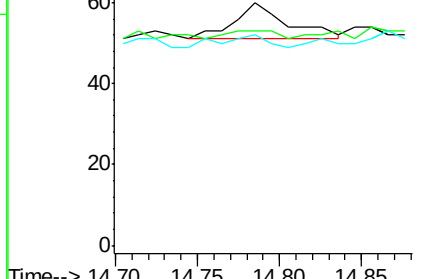
Tgt Ion:	152	Resp:	21
Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.7	23.5
153	23.8	10.5	15.7#



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

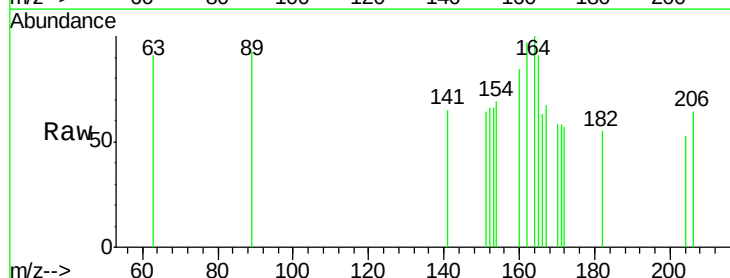
RT: 15.13 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

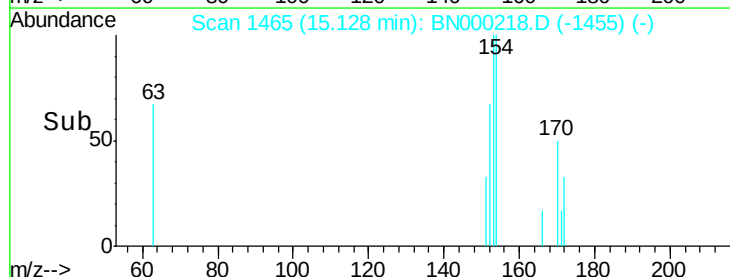
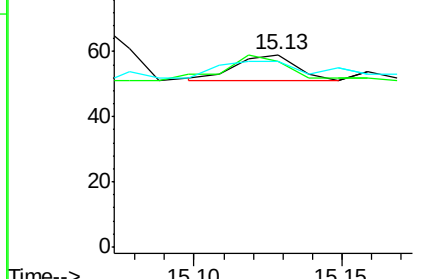
Tgt Ion:	154	Resp:	12
Ion	Ratio	Lower	Upper
154	100		
153	108.3	89.2	133.8
152	158.3	42.0	63.0#

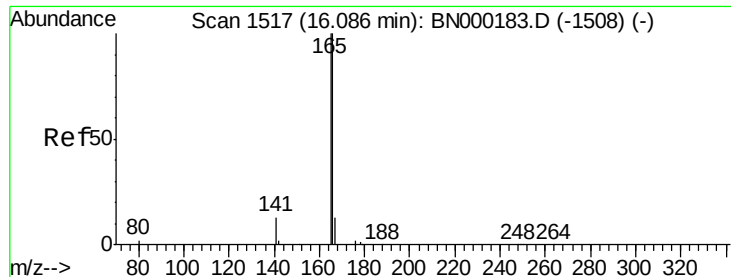


Abundance Ion 154.00 (153.70 to 154.70): E

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# 1559

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

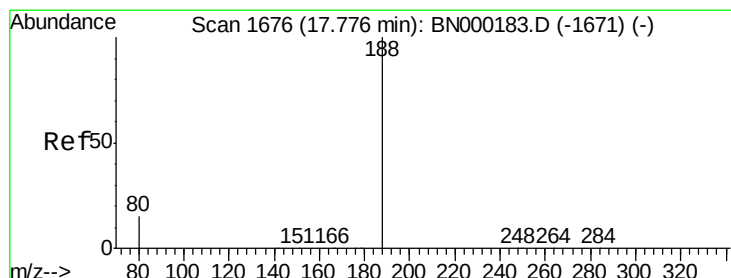
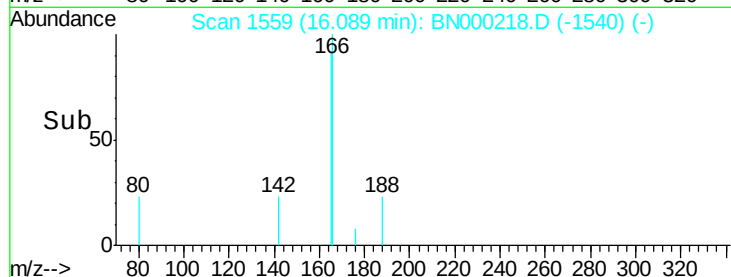
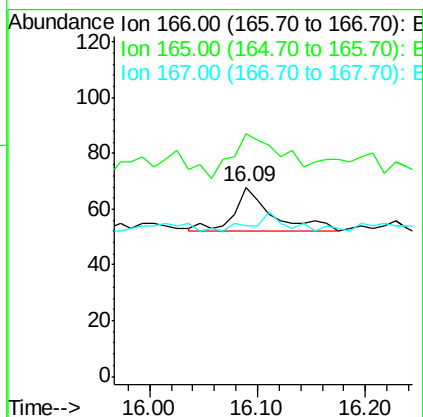
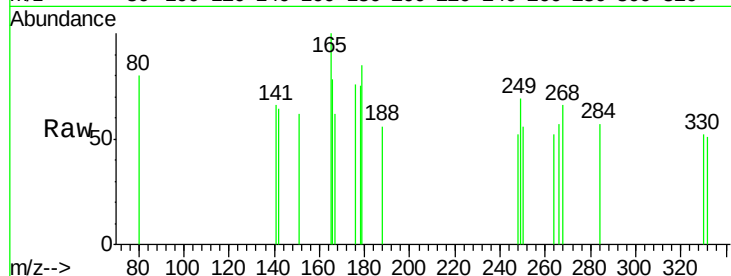
Tgt Ion:166 Resp: 40

Ion Ratio Lower Upper

166 100

165 125.0 77.8 116.6#

167 0.0 42.4 63.6#



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.78 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

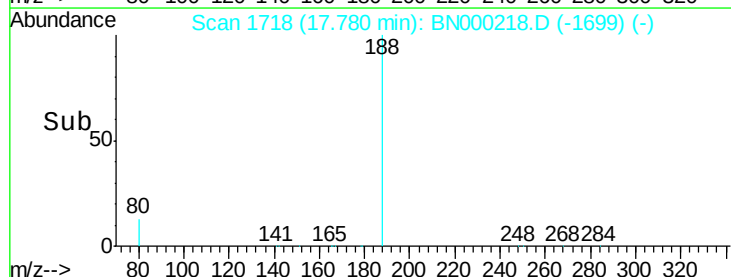
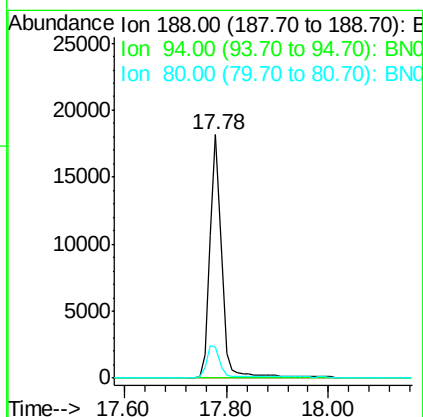
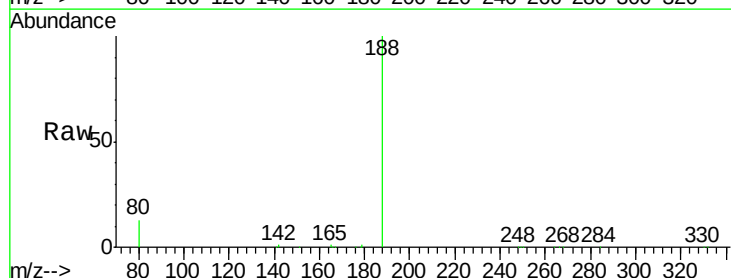
Tgt Ion:188 Resp: 28623

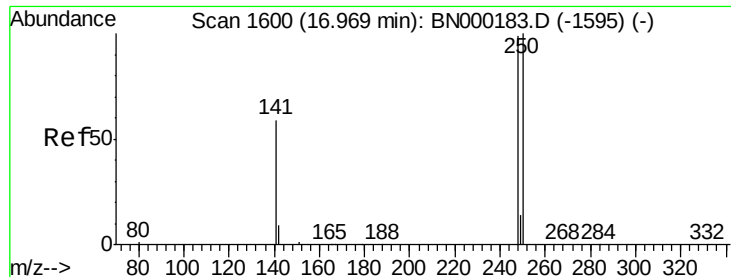
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 13.0 3.6 5.4#





#20

4-Bromophenyl-phenylether

Concen: 0.000 ng

RT: 16.99 min Scan# 1644

Delta R.T. 0.02 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

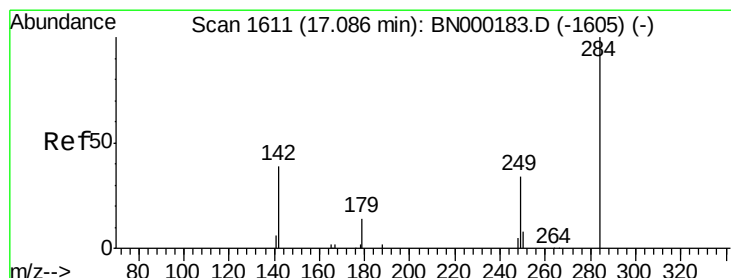
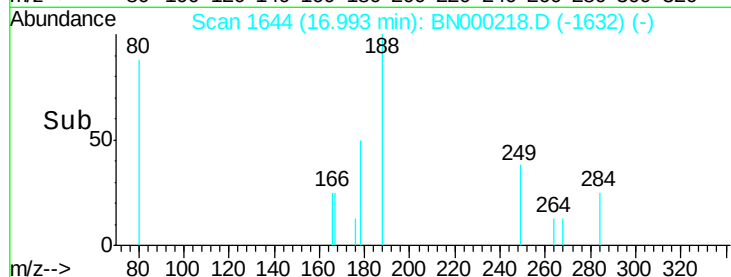
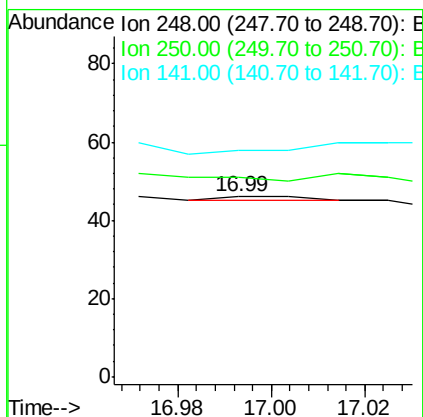
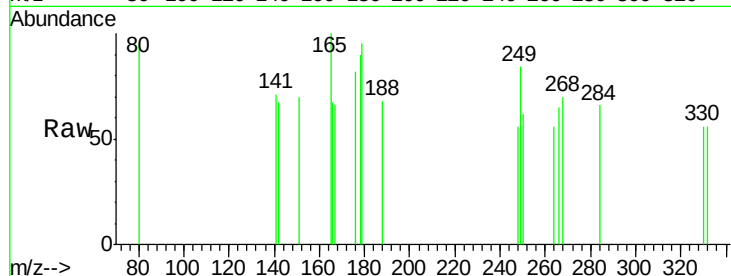
Tgt Ion:248 Resp: 1

Ion Ratio Lower Upper

248 100

250 110.9 62.7 94.1#

141 126.1 48.2 72.2#



#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 17.10 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

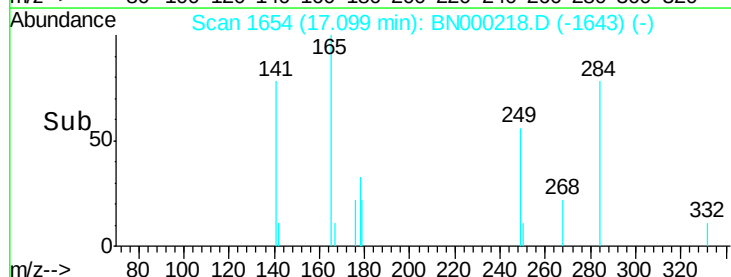
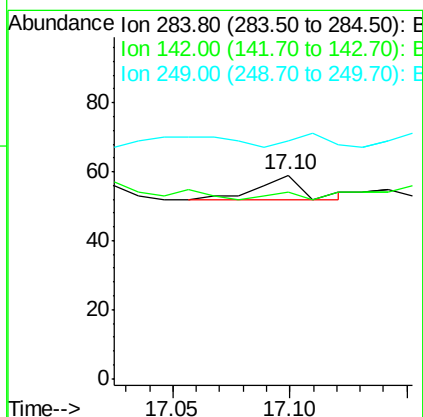
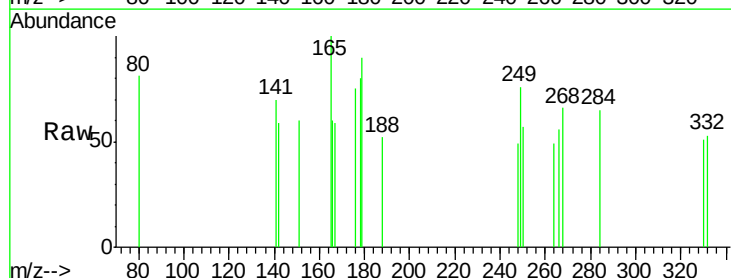
Tgt Ion:284 Resp: 10

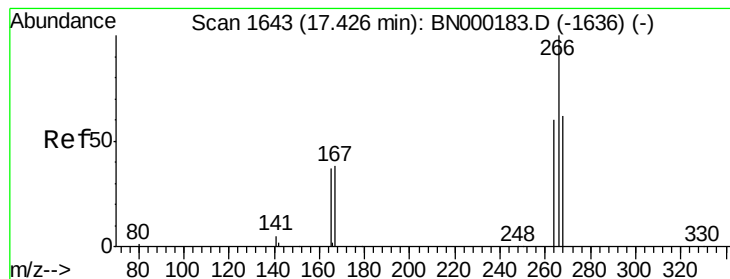
Ion Ratio Lower Upper

284 100

142 20.0 32.0 48.0#

249 60.0 24.0 36.0#





#22

Pentachlorophenol

Concen: 0.105 ng

RT: 17.43 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

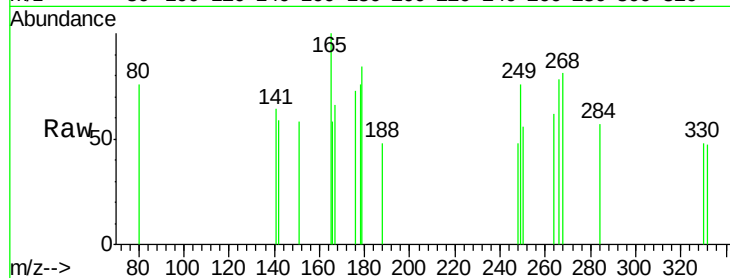
Tgt Ion:266 Resp: 68

Ion Ratio Lower Upper

266 100

264 79.7 48.0 72.0#

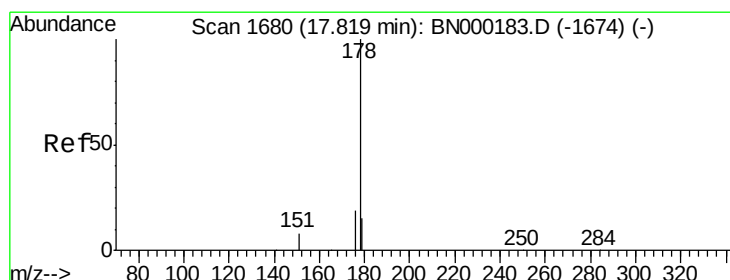
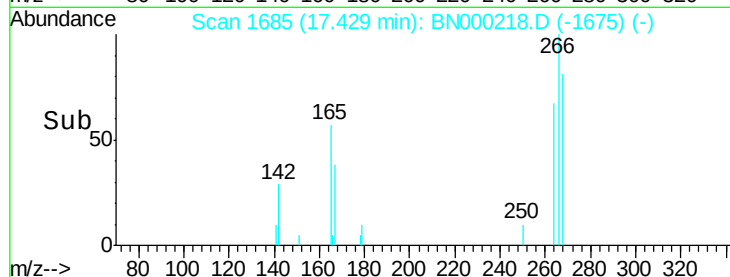
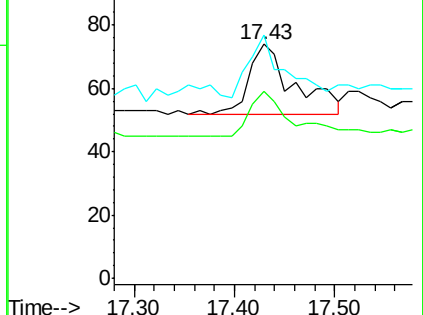
268 104.1 52.0 78.0#



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# 1722

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

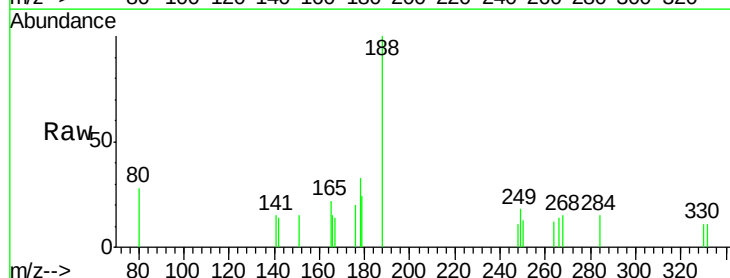
Tgt Ion:178 Resp: 94

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

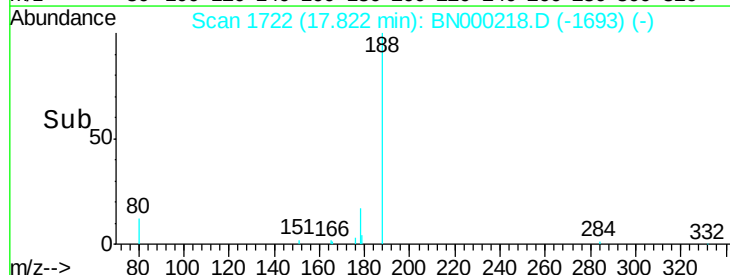
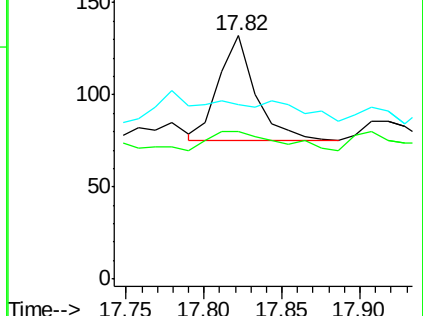
179 0.0 11.8 17.6#

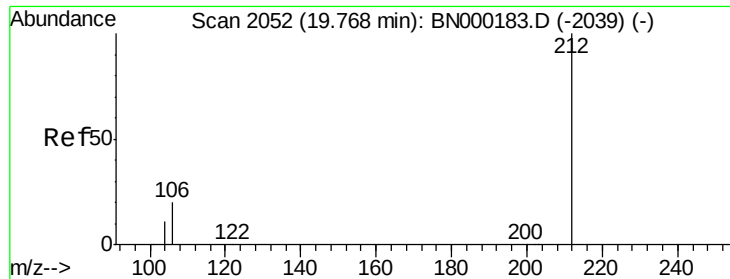


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.375 ng

RT: 19.77 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

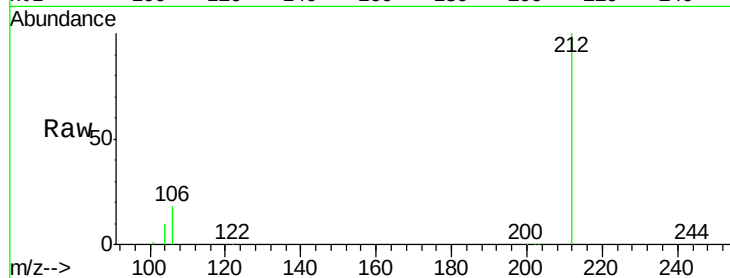
Tgt Ion:212 Resp: 28688

Ion Ratio Lower Upper

212 100

106 19.2 2.8 4.2#

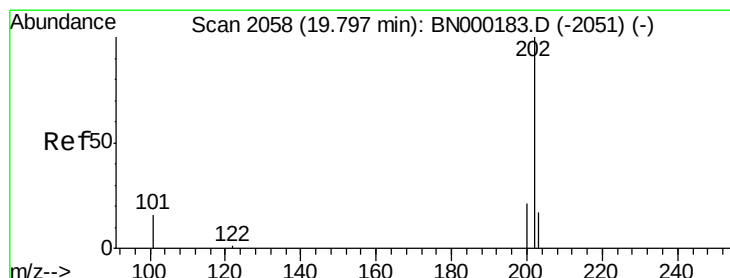
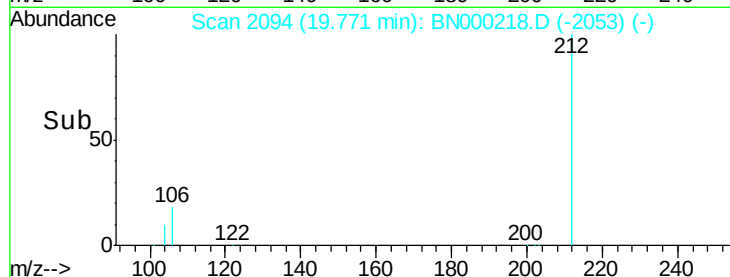
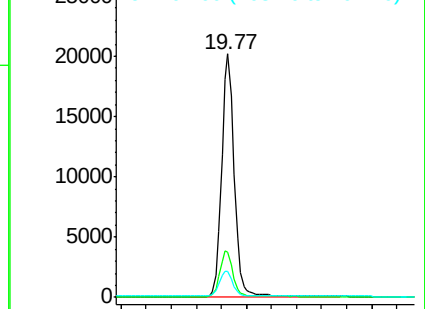
104 10.7 1.6 2.4#



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: BN000218.D

Acq: 01 Mar 2018 15:37

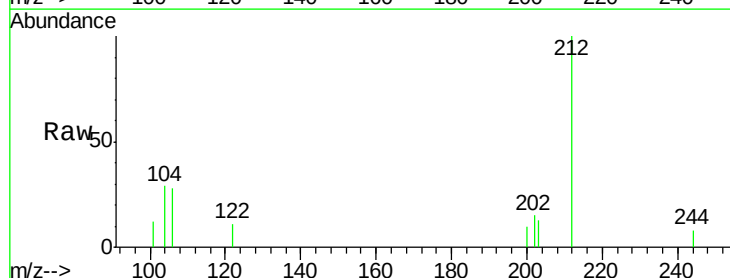
Tgt Ion:202 Resp: 55

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.8#

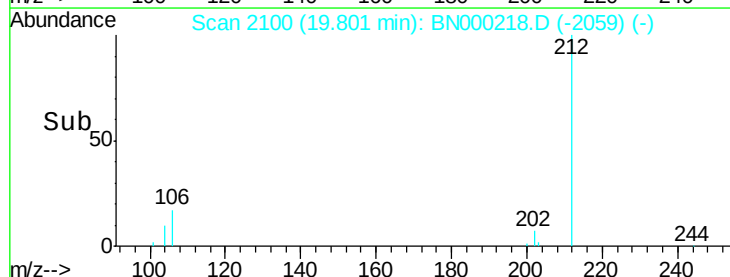
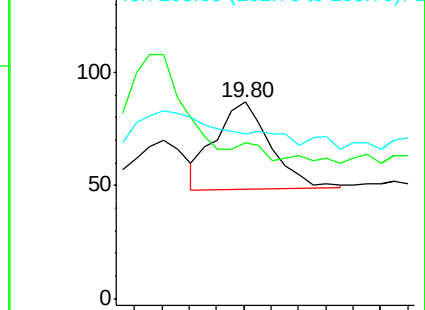
203 0.0 13.7 20.5#

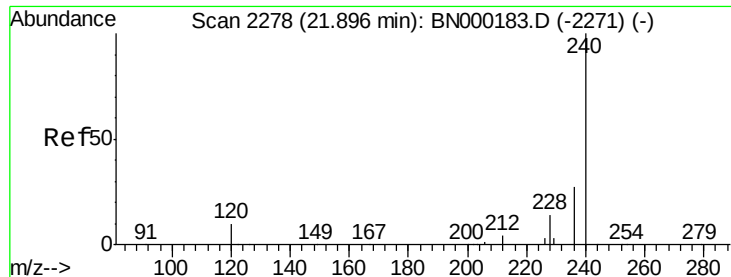


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.89 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

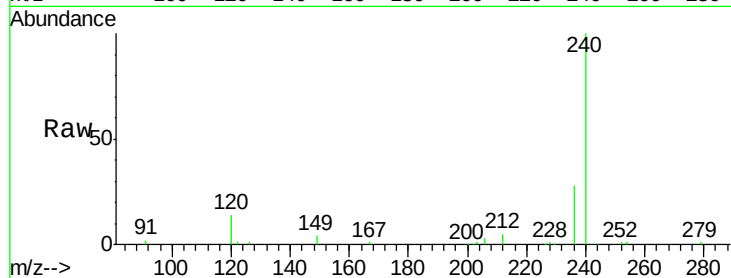
Tgt Ion:240 Resp: 20758

Ion Ratio Lower Upper

240 100

120 14.2 5.5 8.3#

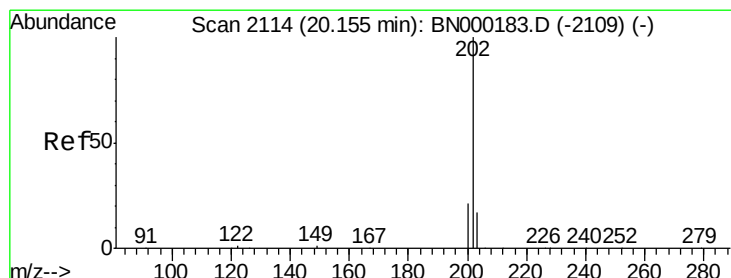
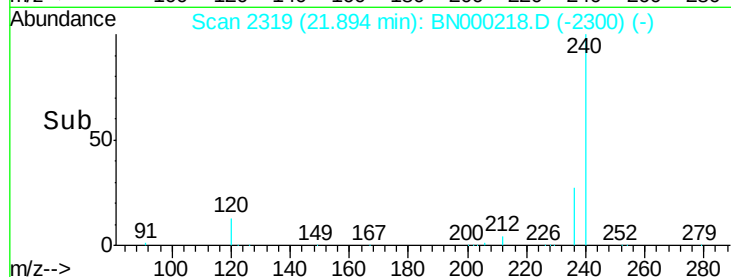
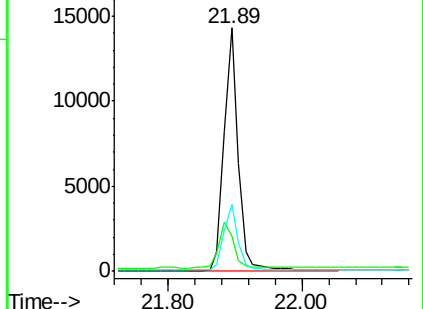
236 27.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.001 ng

RT: 20.15 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

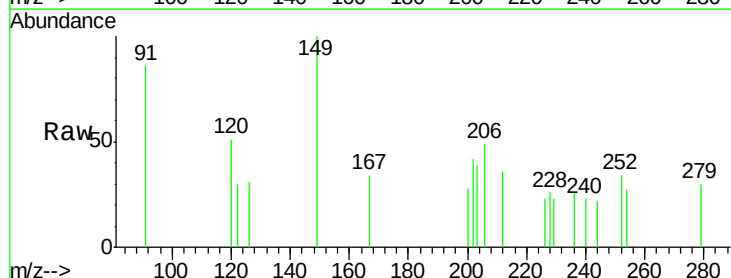
Tgt Ion:202 Resp: 62

Ion Ratio Lower Upper

202 100

200 12.9 16.6 25.0#

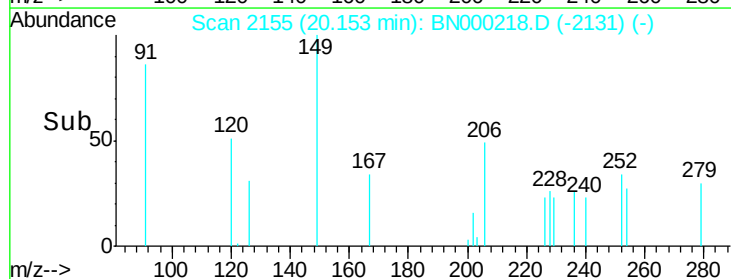
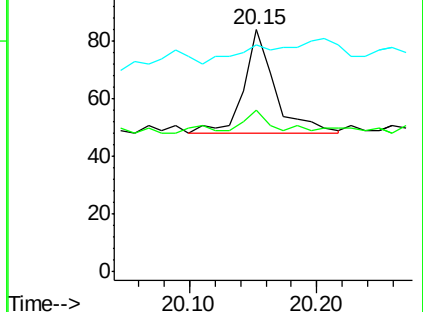
203 25.8 13.8 20.8#

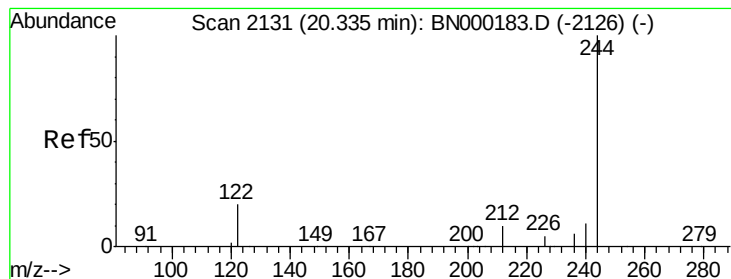


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.451 ng

RT: 20.33 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

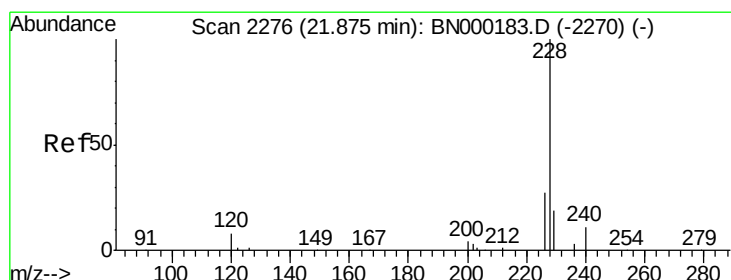
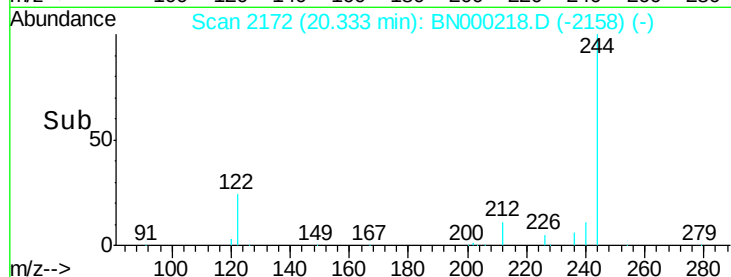
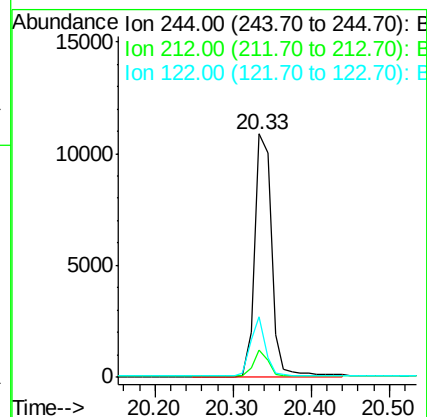
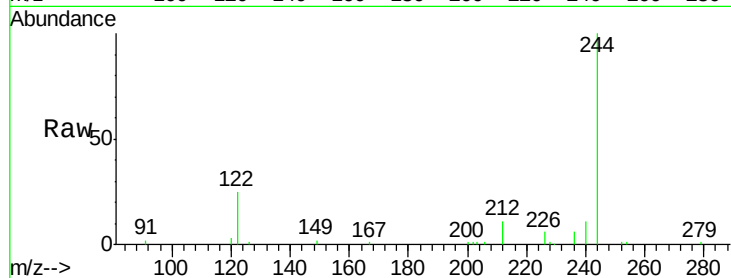
Tgt Ion:244 Resp: 16445

Ion Ratio Lower Upper

244 100

212 11.4 25.4 38.0#

122 24.8 8.1 12.1#



#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.88 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

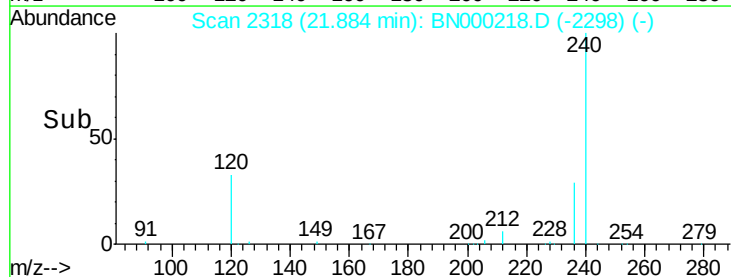
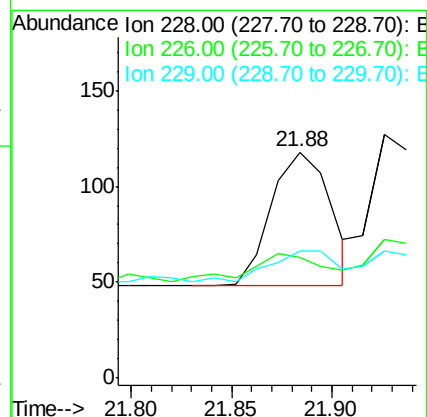
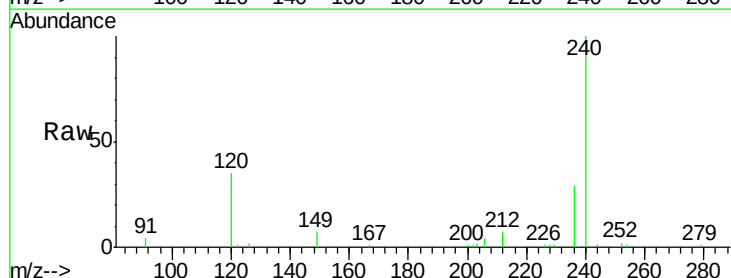
Tgt Ion:228 Resp: 143

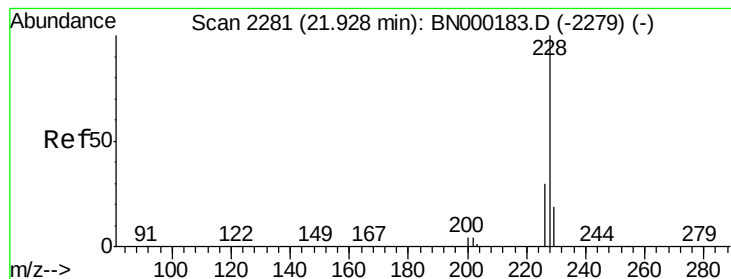
Ion Ratio Lower Upper

228 100

226 53.4 24.0 36.0#

229 55.9 16.0 24.0#





#31

Chrysene

Concen: 0.002 ng

RT: 21.93 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

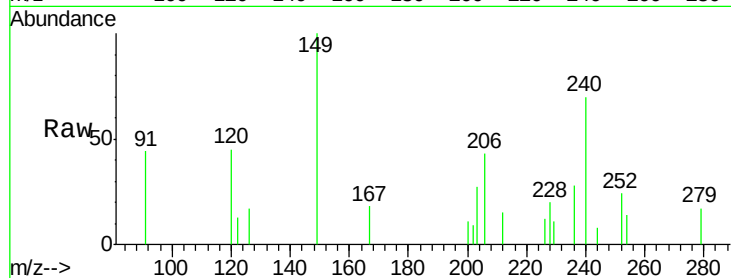
Tgt Ion:228 Resp: 141

Ion Ratio Lower Upper

228 100

226 56.7 24.0 36.0#

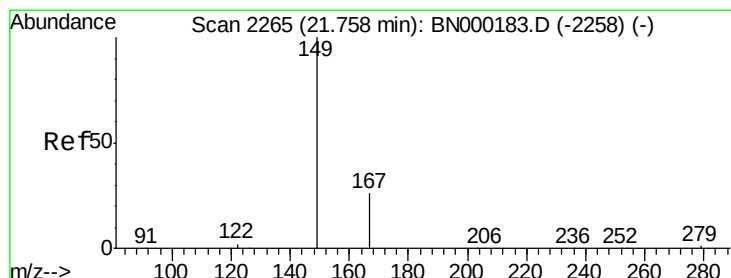
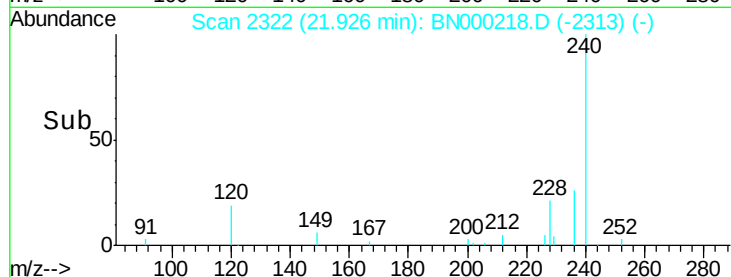
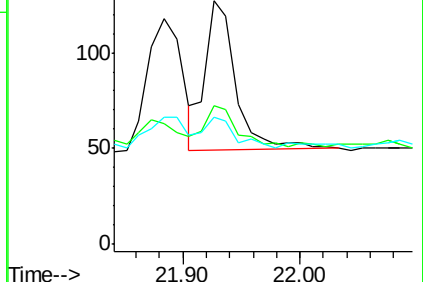
229 52.0 16.0 24.0#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.015 ng

RT: 21.76 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

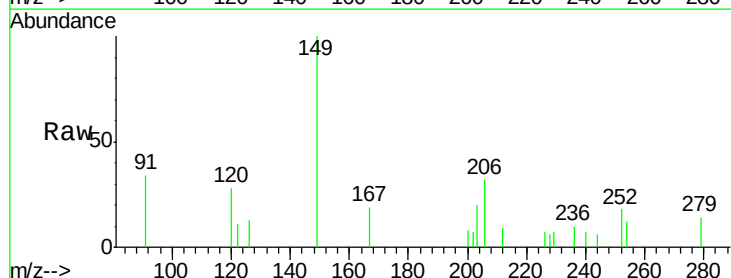
Tgt Ion:149 Resp: 357

Ion Ratio Lower Upper

149 100

167 22.4 20.0 30.0

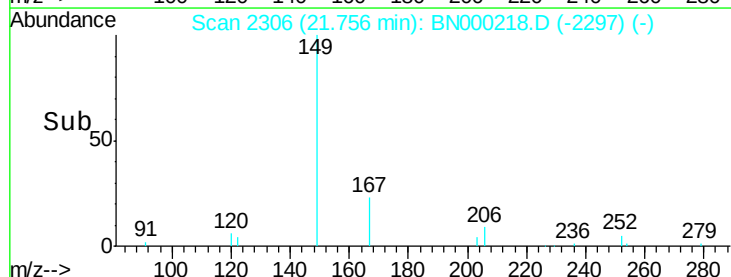
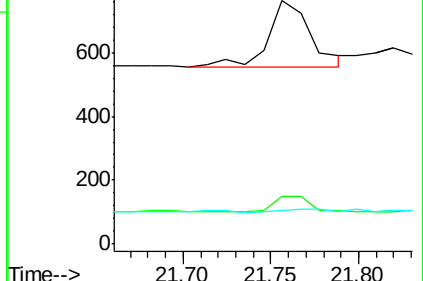
279 9.8 1.6 2.4#

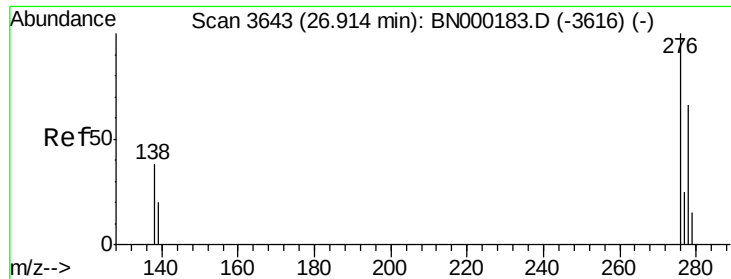


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.92 min Scan# 3687

Delta R.T. 0.01 min

Lab File: BN000218.D

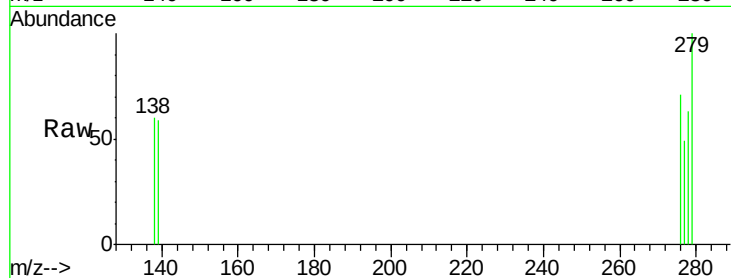
Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL



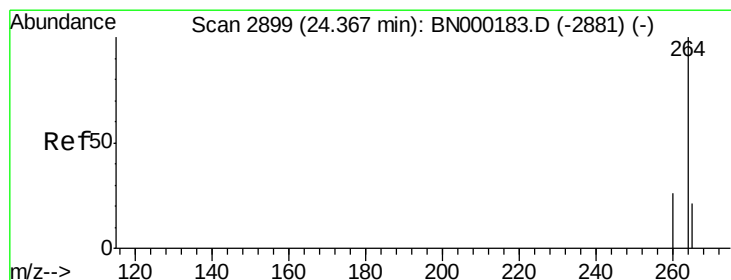
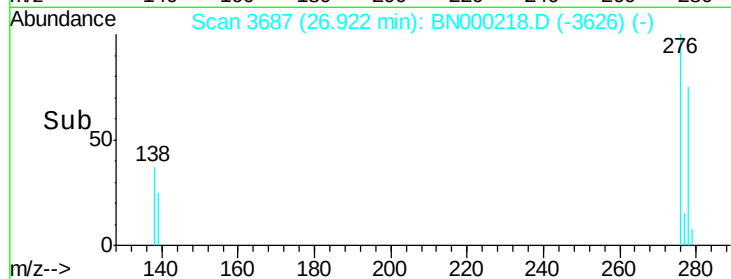
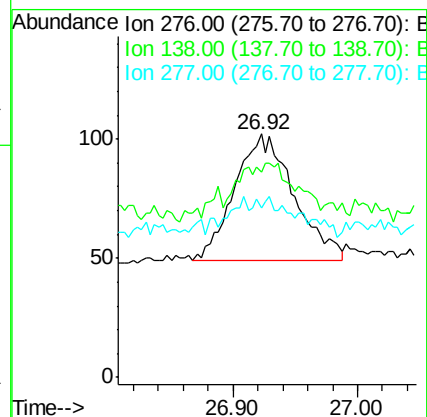
Tgt Ion: 276 Resp: 176

Ion Ratio Lower Upper

276 100

138 9.1 22.5 33.7#

277 6.8 19.9 29.9#



#34

Perylene-d12

Concen: 0.400 ng

RT: 24.37 min Scan# 2941

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

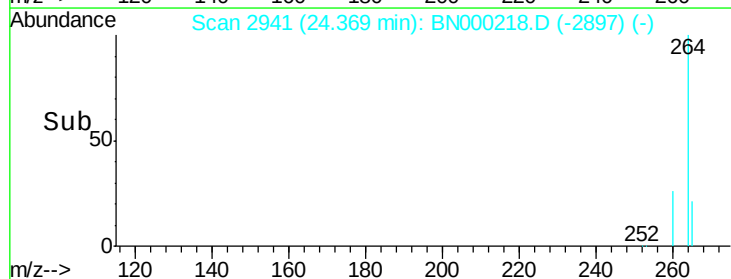
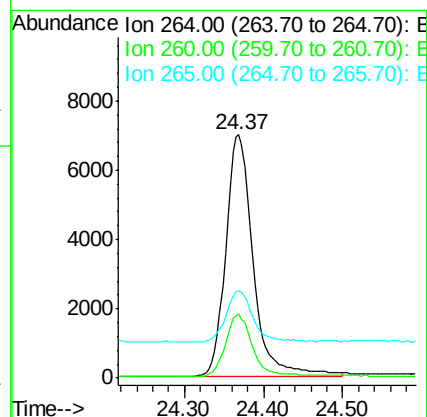
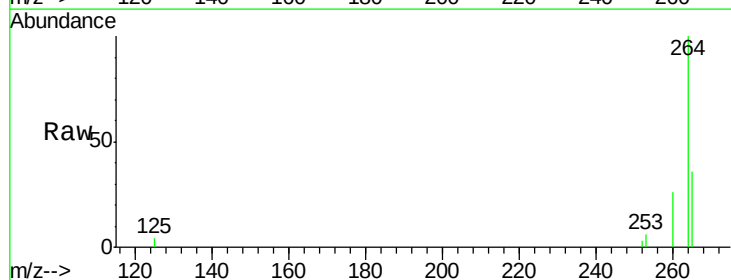
Tgt Ion: 264 Resp: 16620

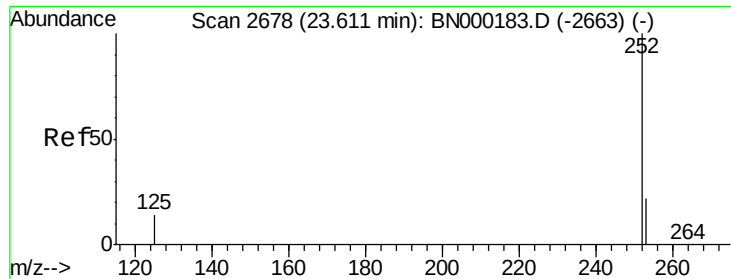
Ion Ratio Lower Upper

264 100

260 26.4 20.5 30.7

265 35.7 22.8 34.2#





#35

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 23.62 min Scan# 2721

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL

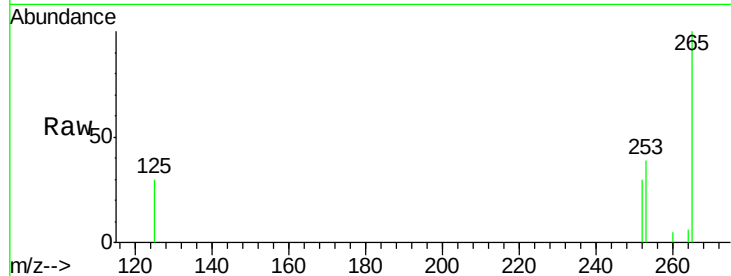
Tgt Ion:252 Resp: 244

Ion Ratio Lower Upper

252 100

253 129.5 20.0 30.0#

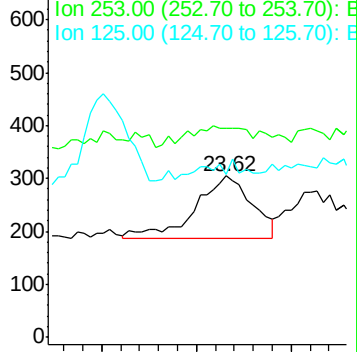
125 101.0 16.0 24.0#



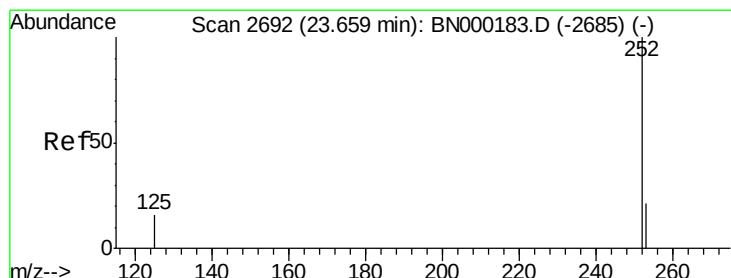
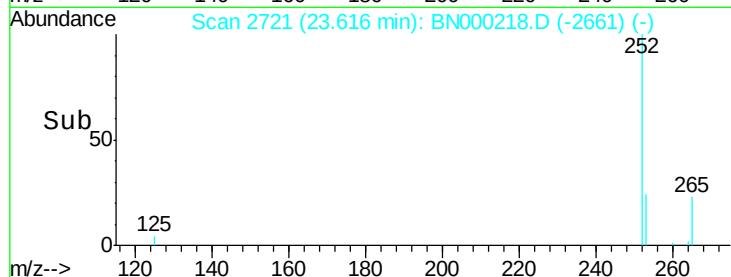
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.003 ng

RT: 23.66 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

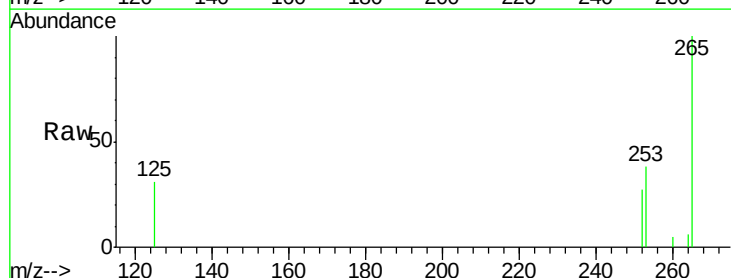
Tgt Ion:252 Resp: 191

Ion Ratio Lower Upper

252 100

253 141.3 16.0 24.0#

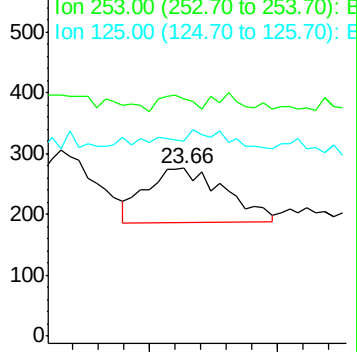
125 115.9 8.0 12.0#



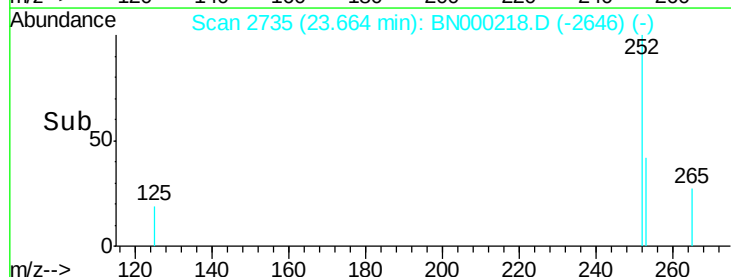
Abundance Ion 252.00 (251.70 to 252.70): E

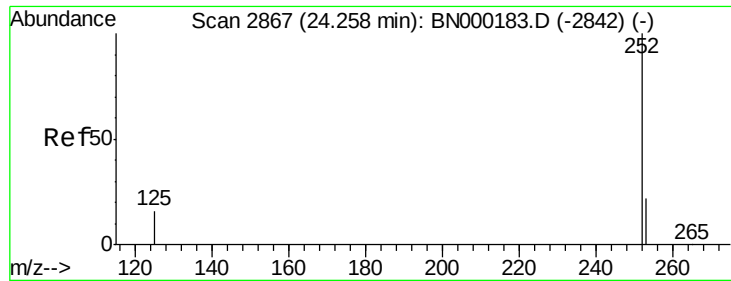
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37

Benzo(a)pyrene

Concen: 0.001 ng

RT: 24.26 min Scan# 2909

Delta R.T. 0.00 min

Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Instrument :

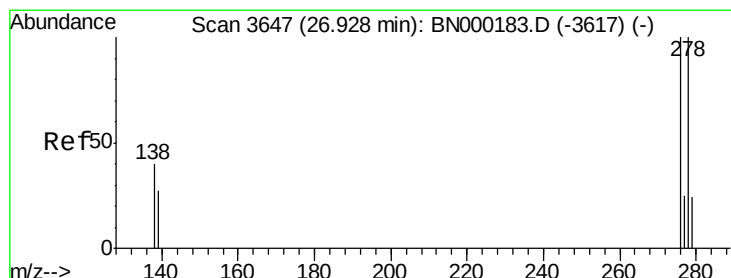
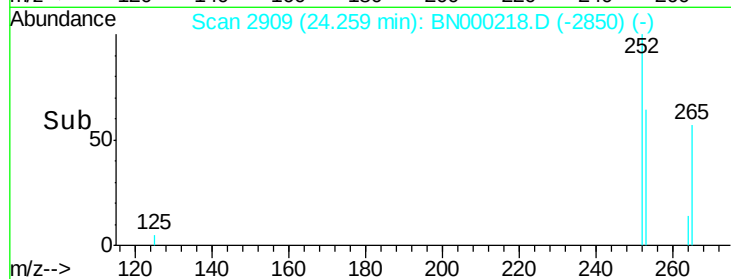
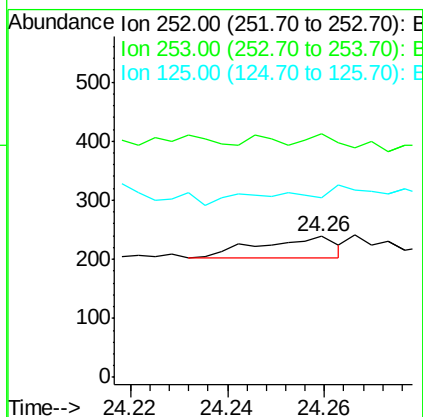
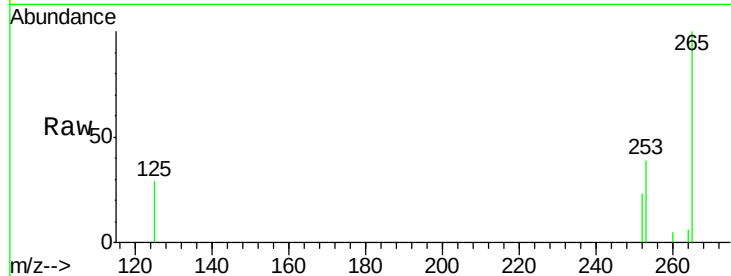
BNA_N

ClientSampleId :

PB106170BL

Tgt Ion: 252 Resp: 41

Ion	Ratio	Lower	Upper
252	100		
253	172.4	16.0	24.0#
125	127.6	12.0	18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 26.94 min Scan# 3691

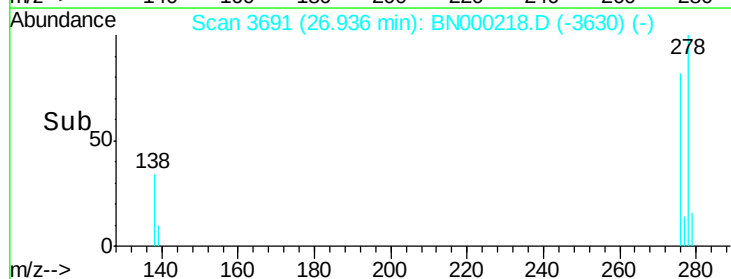
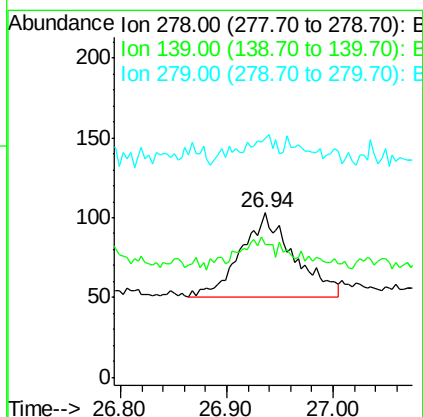
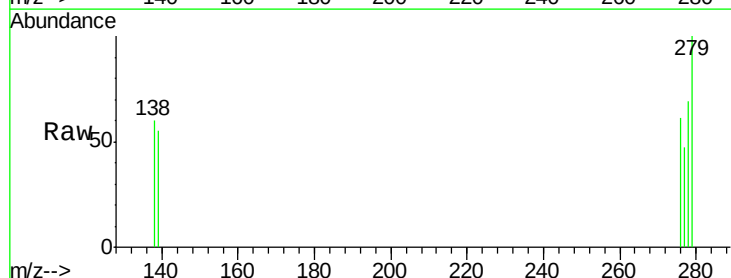
Delta R.T. 0.01 min

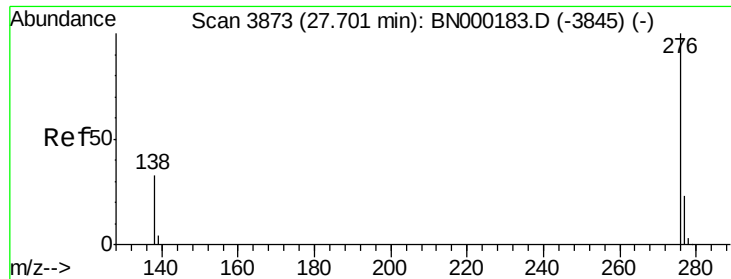
Lab File: BN000218.D

Acq: 01 Mar 2018 15:37

Tgt Ion: 278 Resp: 185

Ion	Ratio	Lower	Upper
278	100		
139	80.6	16.0	24.0#
279	145.6	20.0	30.0#





#39

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.71 min Scan# 3918

Delta R.T. 0.01 min

Lab File: BN000218.D

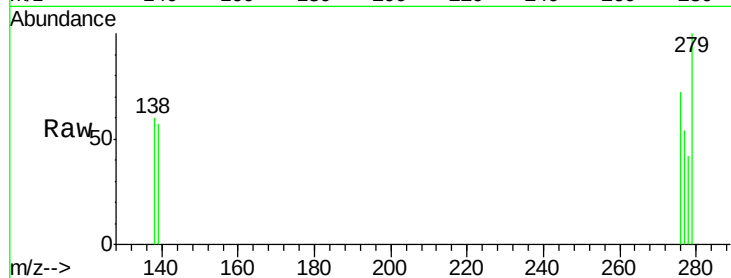
Acq: 01 Mar 2018 15:37

Instrument :

BNA_N

ClientSampleId :

PB106170BL



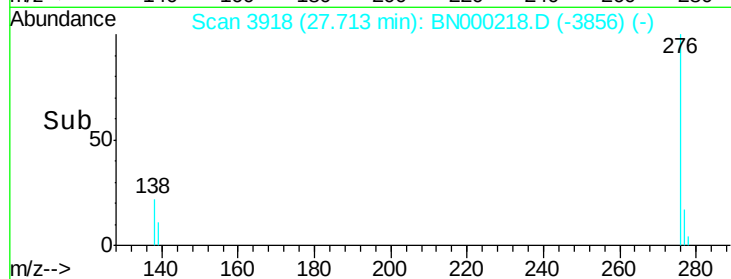
Tgt Ion: 276 Resp: 153

Ion Ratio Lower Upper

276 100

277 75.5 16.0 24.0#

138 83.0 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

27.71

Time--> 27.60 27.70 27.80