

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
 Data File : BN002209.D
 Acq On : 31 Jul 2018 13:55
 Operator : JU/SJ
 Sample : PB111543BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB111543BS

Quant Time: Jul 31 16:03:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 16:17:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	4329	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	17372	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	9090	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	18739	0.40	ng	0.00
27) Chrysene-d12	21.27	240	11910	0.40	ng	0.00
34) Perylene-d12	23.50	264	8955	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	3530	0.35	ng	0.00
5) Phenol-d6	6.88	99	4156	0.34	ng	0.00
8) Nitrobenzene-d5	8.84	82	4810	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	9452	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	1024	0.26	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	14214	0.41	ng	0.00
25) Fluoranthene-d10	19.11	212	14821	0.32	ng	0.00
29) Terphenyl-d14	19.71	244	9850	0.39	ng	0.00

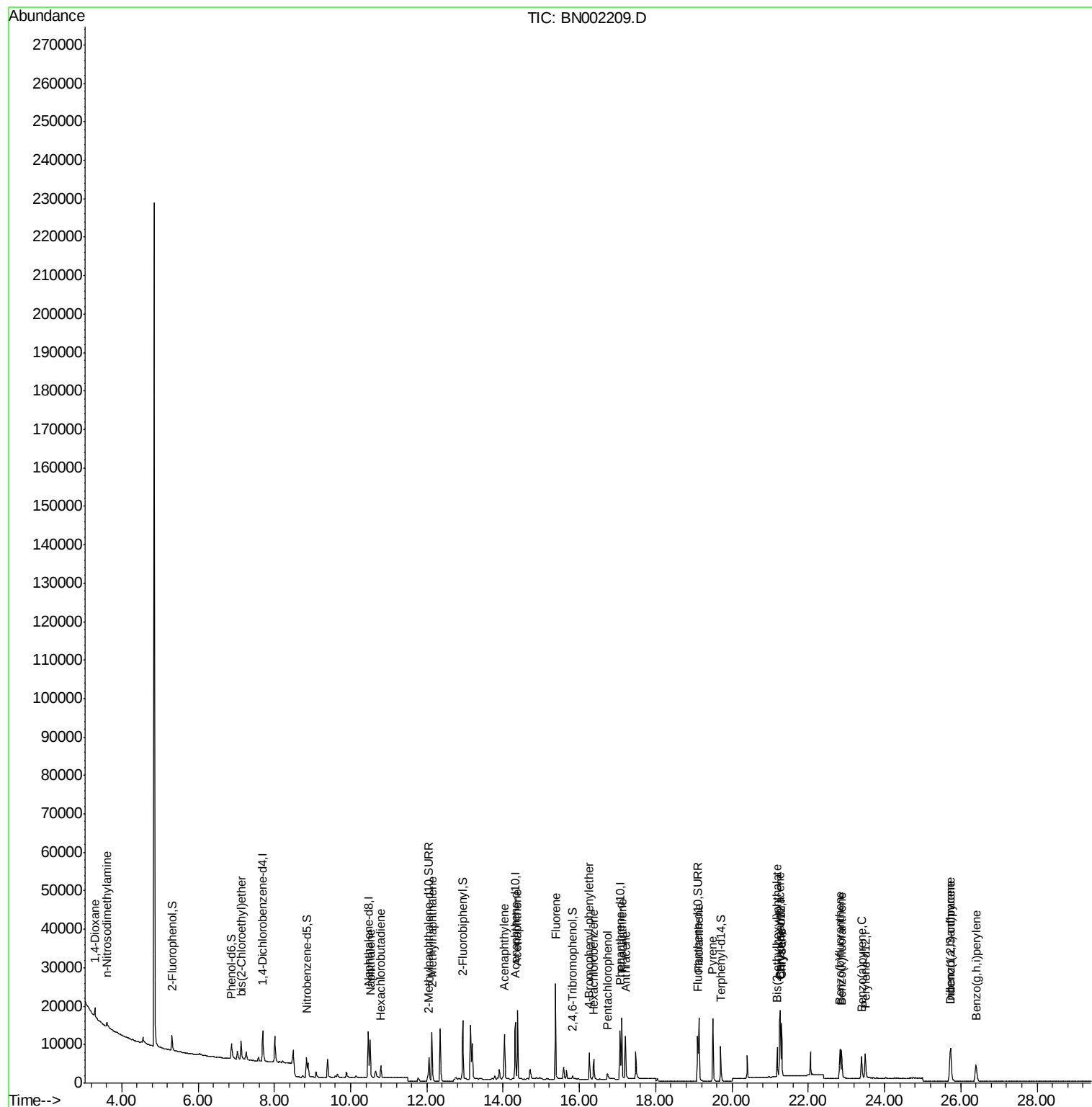
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1268	0.260	ng	# 64
3) n-Nitrosodimethylamine	3.61	42	1275	0.401	ng	# 85
6) bis(2-Chloroethyl)ether	7.13	93	4110	0.348	ng	91
9) Naphthalene	10.52	128	14599	0.373	ng	97
10) Hexachlorobutadiene	10.80	225	2687	0.317	ng	# 54
12) 2-Methylnaphthalene	12.13	142	10024	0.378	ng	97
16) Acenaphthylene	14.03	152	13908	0.358	ng	100
17) Acenaphthene	14.38	154	8930	0.357	ng	97
18) Fluorene	15.37	166	11131	0.362	ng	# 80
20) 4-Bromophenyl-phenylether	16.26	248	3630	0.342	ng	# 82
21) Hexachlorobenzene	16.38	284	4013	0.342	ng	96
22) Pentachlorophenol	16.74	266	1167	0.491	ng	95
23) Phenanthrene	17.11	178	17081	0.366	ng	99
24) Anthracene	17.21	178	14196	0.368	ng	96
26) Fluoranthene	19.14	202	16604	0.327	ng	# 97
28) Pyrene	19.50	202	15850	0.450	ng	99
30) Benzo(a)anthracene	21.25	228	11430	0.381	ng	97
31) Chrysene	21.30	228	11918	0.355	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	5339	0.390	ng	# 94
33) Indeno(1,2,3-cd)pyrene	25.72	276	11288	0.357	ng	95
35) Benzo(b)fluoranthene	22.83	252	9774	0.371	ng	# 92
36) Benzo(k)fluoranthene	22.87	252	10178	0.372	ng	# 91
37) Benzo(a)pyrene	23.40	252	9085	0.381	ng	# 92
38) Dibenzo(a,h)anthracene	25.74	278	9397	0.405	ng	95
39) Benzo(g,h,i)perylene	26.40	276	10002	0.422	ng	# 90

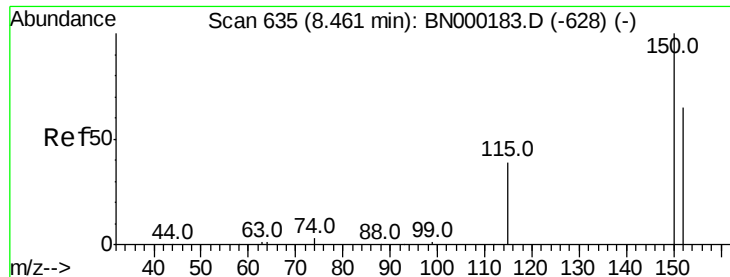
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

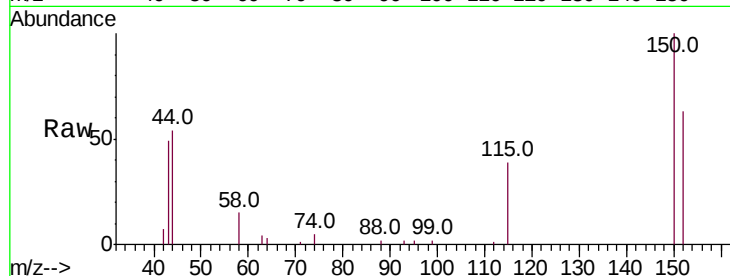
Tot Ion:152 Resp: 4329

Ion Ratio Lower Upper

152 100

150 158.9 117.2 175.8

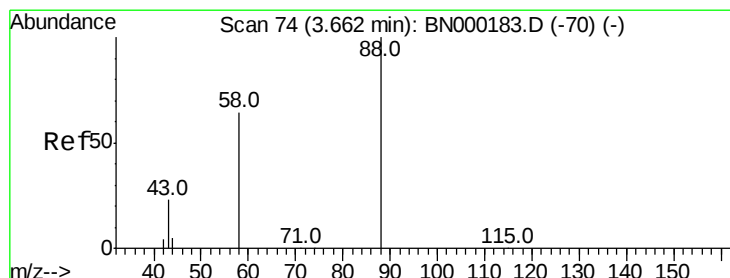
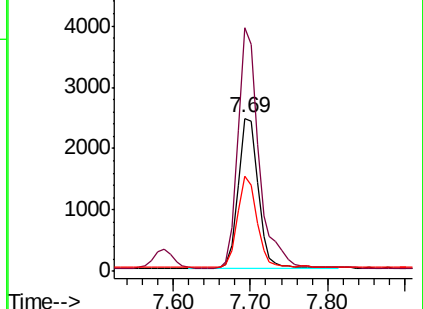
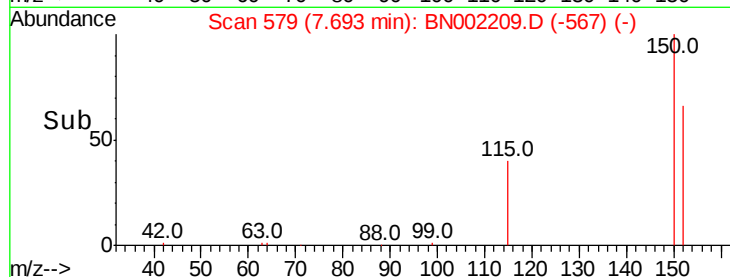
115 62.2 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.260 ng

RT: 3.30 min Scan# 33

Delta R.T. 0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

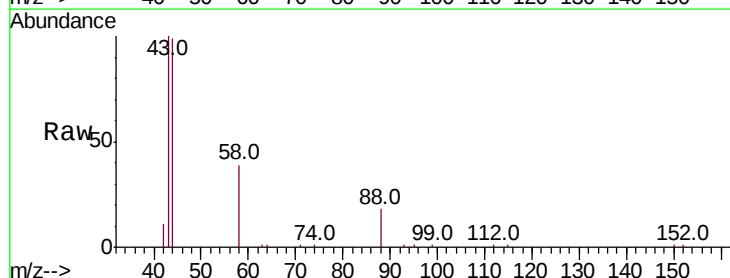
Tgt Ion: 88 Resp: 1268

Ion Ratio Lower Upper

88 100

58 100.7 72.0 108.0

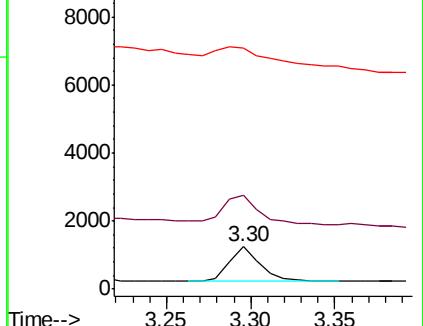
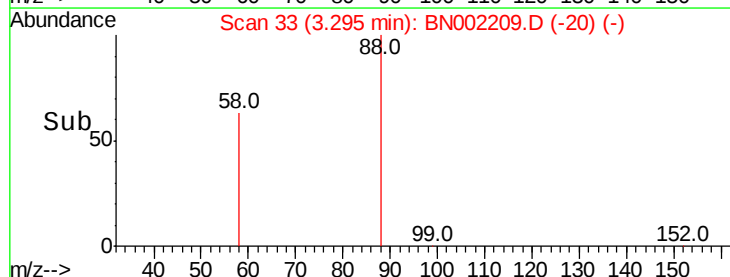
43 91.8 28.0 42.0#

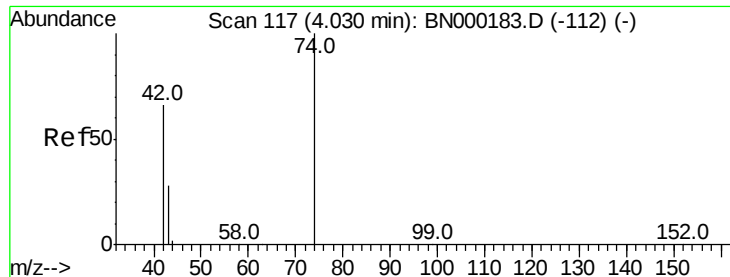


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.401 ng

RT: 3.61 min Scan# 72

Delta R.T. 0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

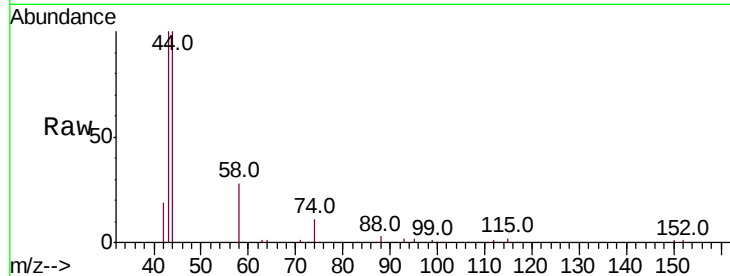
Tot Ion: 42 Resp: 1275

Ion Ratio Lower Upper

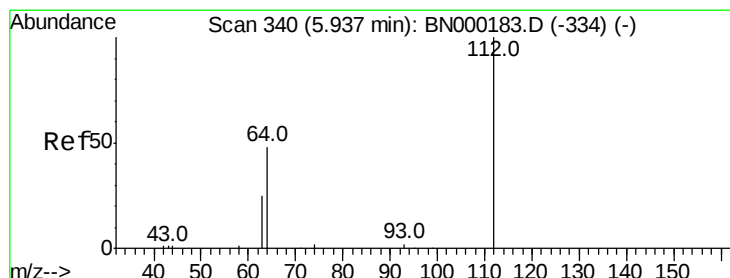
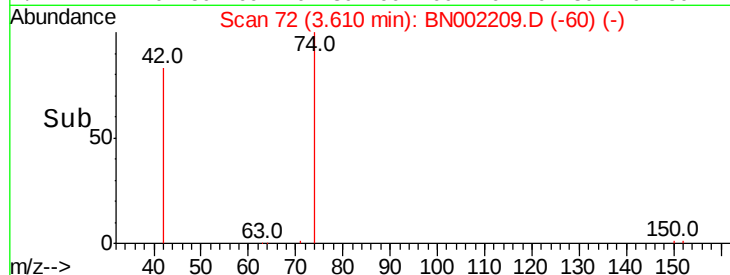
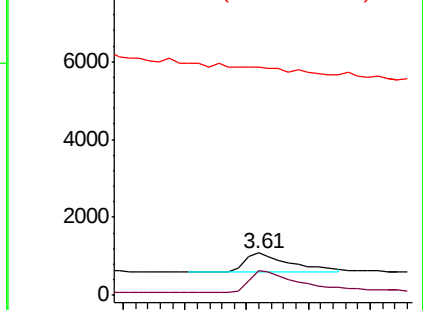
42 100

74 119.8 88.0 132.0

44 0.0 16.0 24.0#



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: 0.349 ng

RT: 5.32 min Scan# 284

Delta R.T. 0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

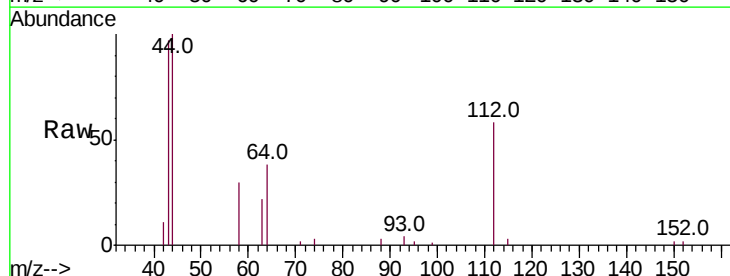
Tgt Ion: 112 Resp: 3530

Ion Ratio Lower Upper

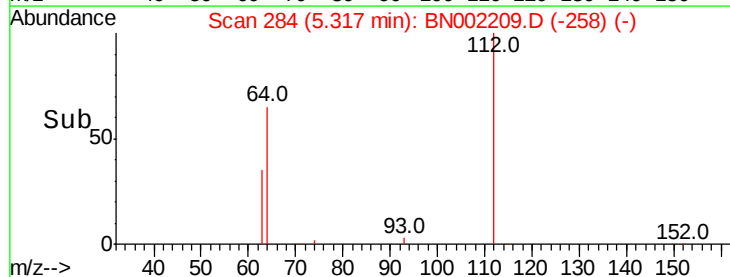
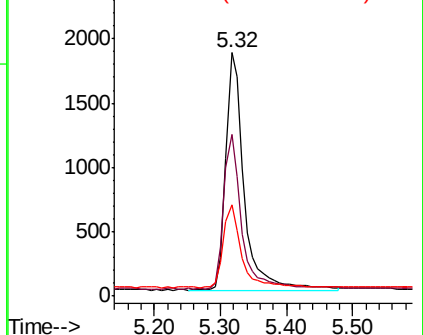
112 100

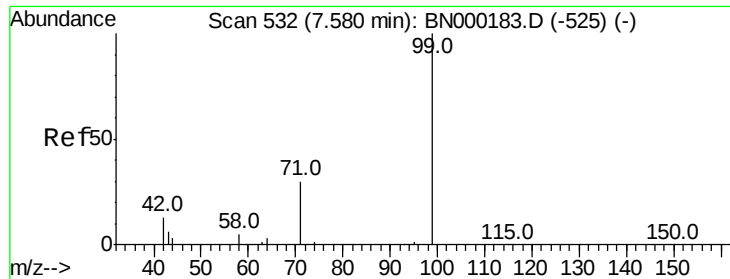
64 63.8 60.1 90.1

63 34.5 116.8 175.2#



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: 0.338 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

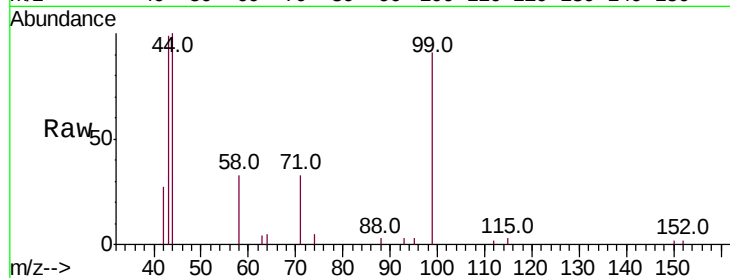
Tot Ion: 99 Resp: 4156

Ion Ratio Lower Upper

99 100

42 23.0 20.2 30.2

71 36.3 28.4 42.6



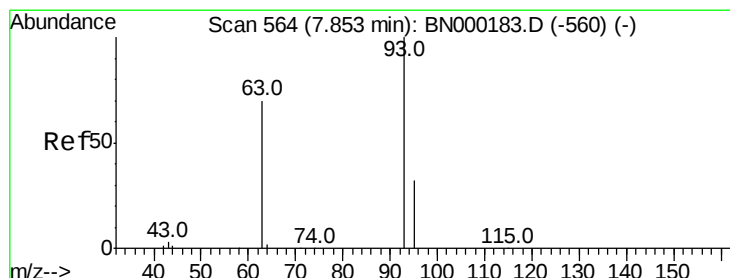
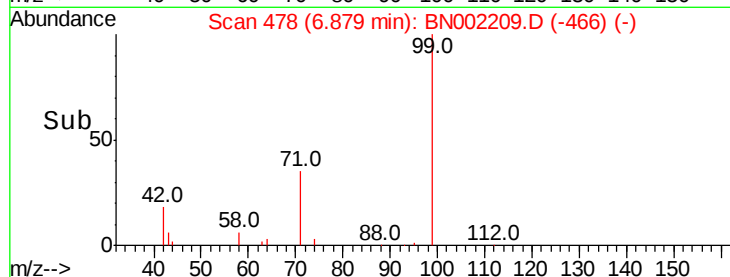
Abundance Ion 99.00 (98.70 to 99.70): BN002209.D (-466) (-)

Ion 42.00 (41.70 to 42.70): BN002209.D (-466) (-)

Ion 71.00 (70.70 to 71.70): BN002209.D (-466) (-)

6.88

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.348 ng

RT: 7.13 min Scan# 509

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

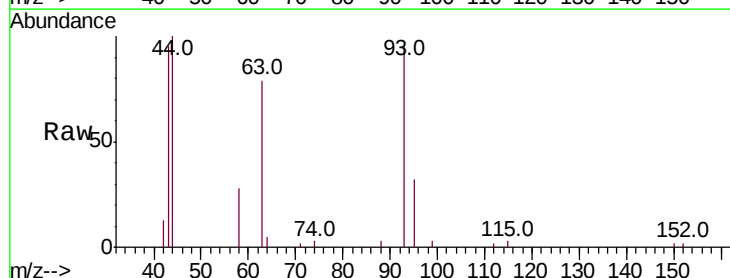
Tgt Ion: 93 Resp: 4110

Ion Ratio Lower Upper

93 100

63 81.1 56.0 84.0

95 31.6 25.2 37.8



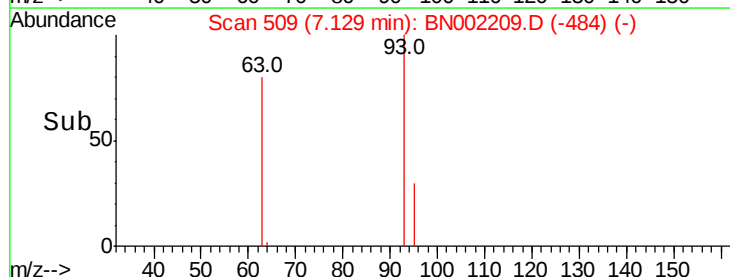
Abundance Ion 93.00 (92.70 to 93.70): BN002209.D (-484) (-)

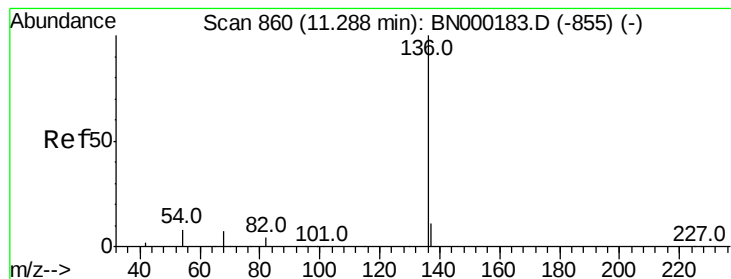
Ion 63.00 (62.70 to 63.70): BN002209.D (-484) (-)

Ion 95.00 (94.70 to 95.70): BN002209.D (-484) (-)

7.13

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.47 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

Tot Ion:136 Resp: 17372

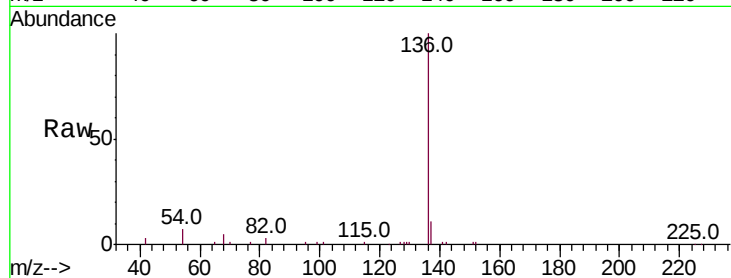
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 6.7 29.1 43.7#

68 4.7 6.2 9.2#

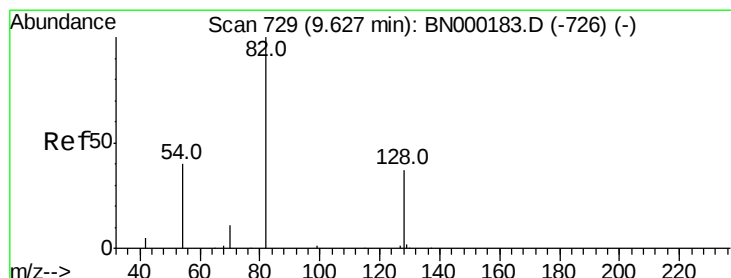
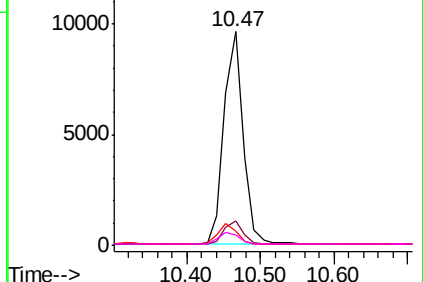
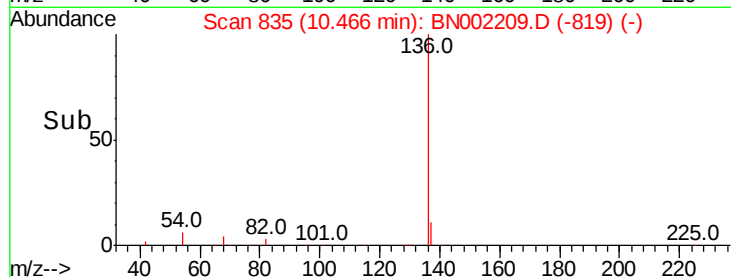


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

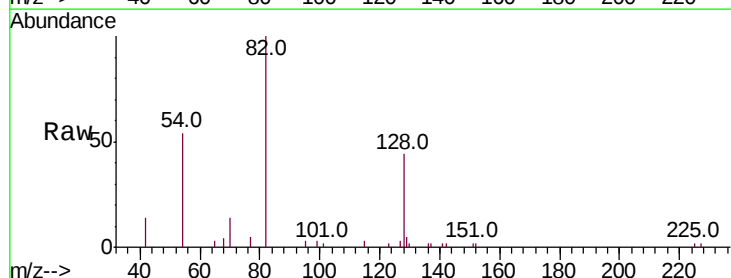
Tgt Ion: 82 Resp: 4810

Ion Ratio Lower Upper

82 100

128 44.1 150.0 225.0#

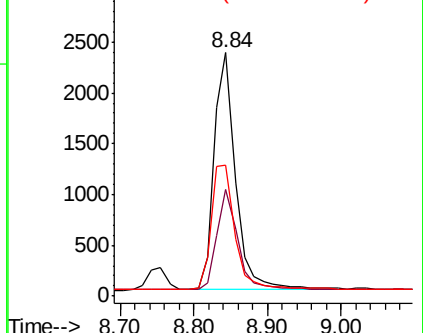
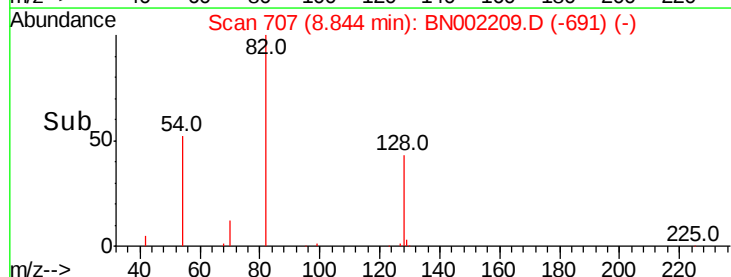
54 53.6 154.2 231.4#

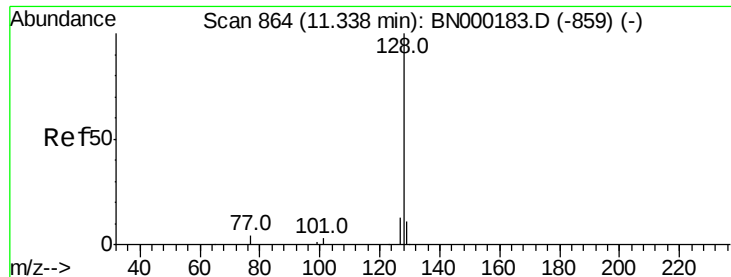


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.373 ng

RT: 10.52 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

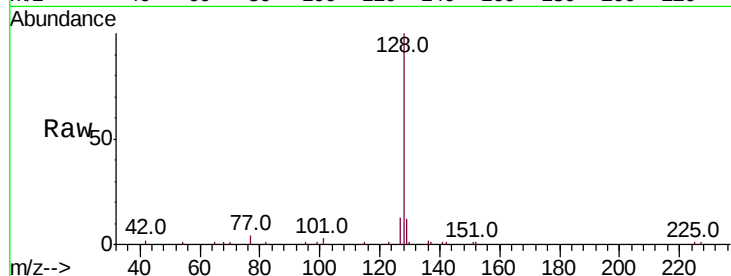
Tot Ion:128 Resp: 14599

Ion Ratio Lower Upper

128 100

129 11.7 8.0 12.0

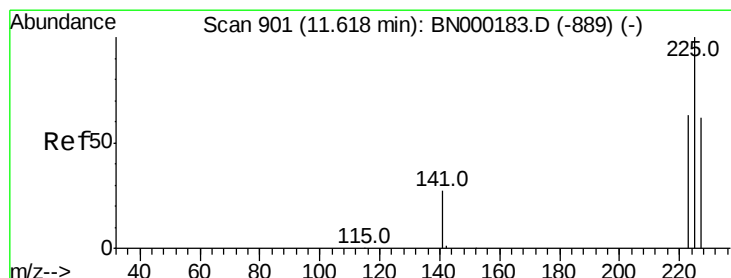
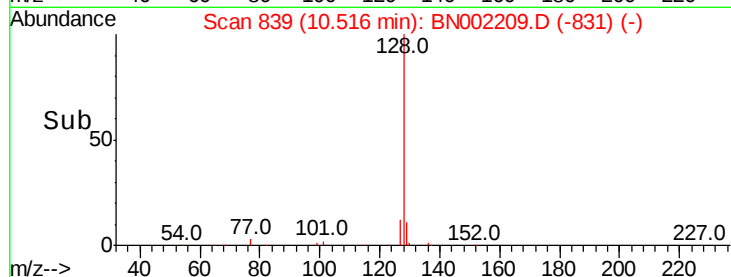
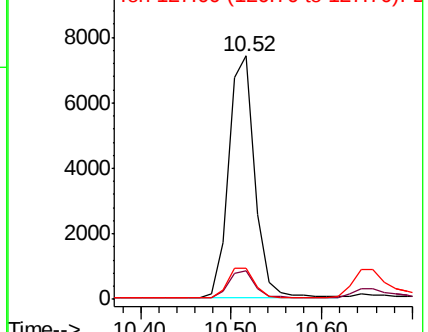
127 12.9 9.6 14.4



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: 0.317 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

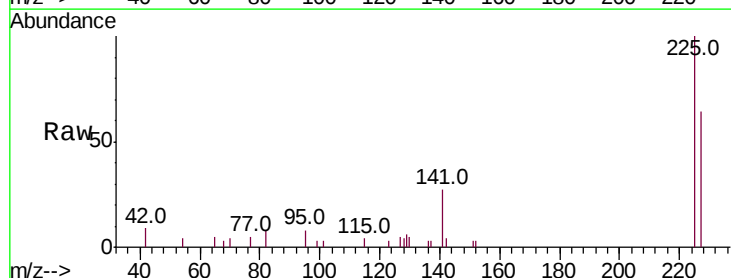
Tgt Ion:225 Resp: 2687

Ion Ratio Lower Upper

225 100

223 0.0 52.0 78.0#

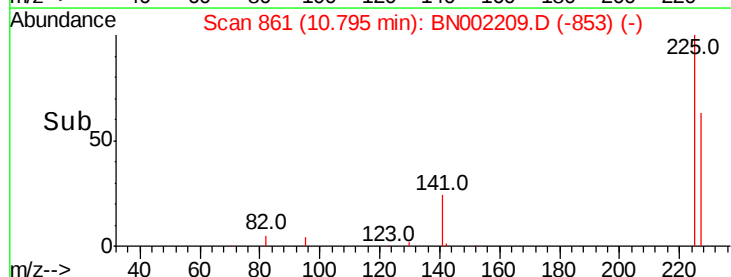
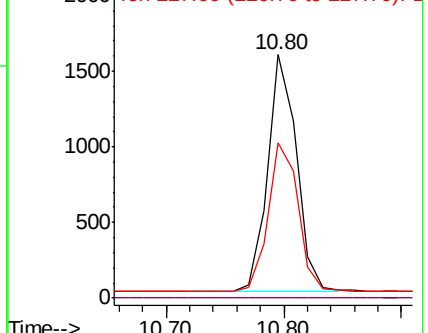
227 65.3 48.0 72.0

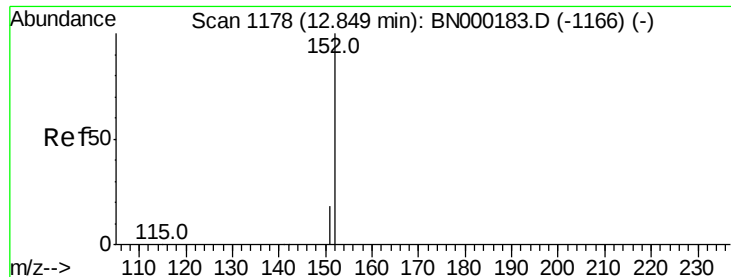


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

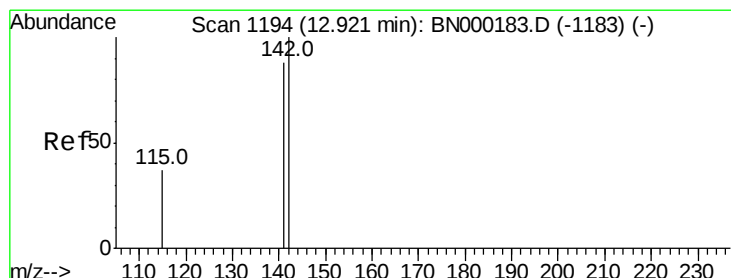
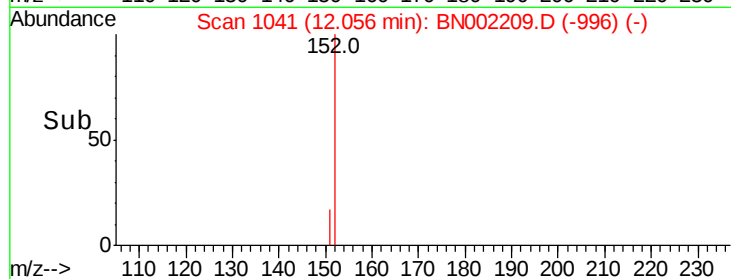
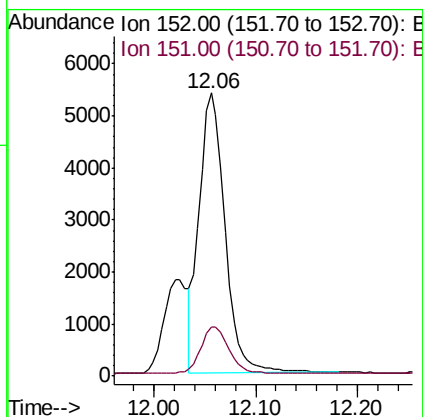
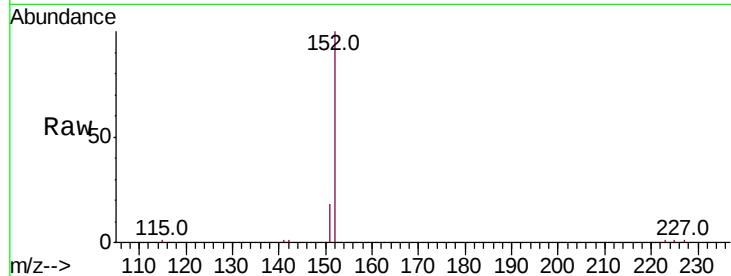




#11
2-Methylnaphthalene-d10
Concen: 0.369 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

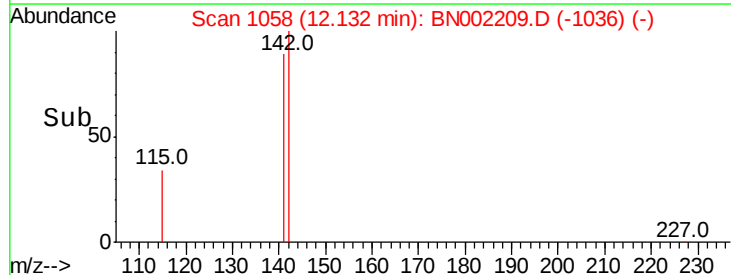
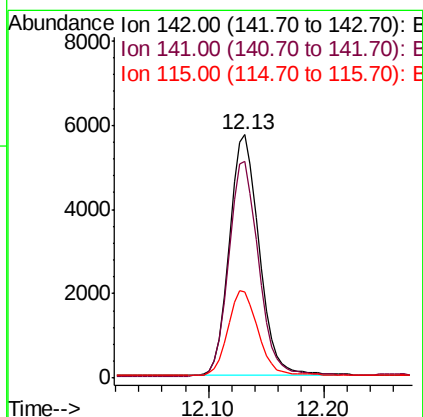
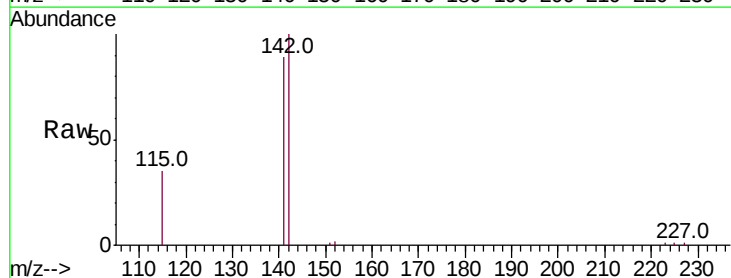
Instrument :
BNA_N
ClientSampleId :
PB111543BS

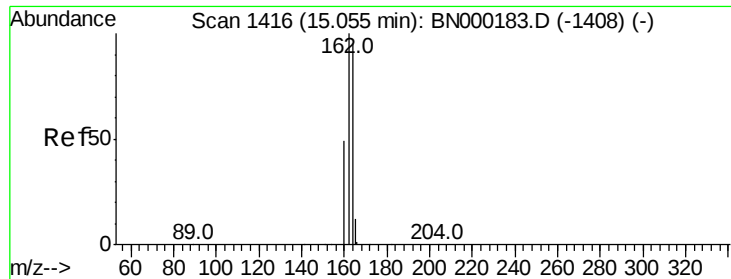
Tot Ion:152 Resp: 9452
Ion Ratio Lower Upper
152 100
151 18.8 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.13 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:142 Resp: 10024
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6
115 35.3 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.32 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

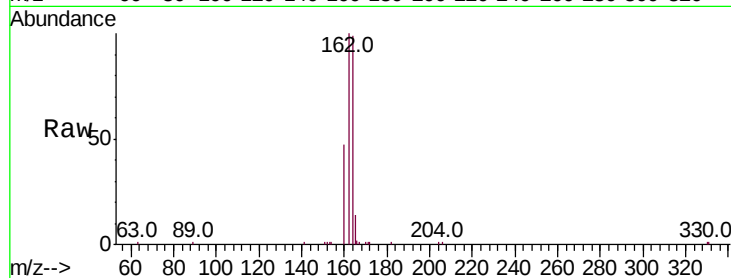
Tot Ion:164 Resp: 9090

Ion Ratio Lower Upper

164 100

162 101.1 83.1 124.7

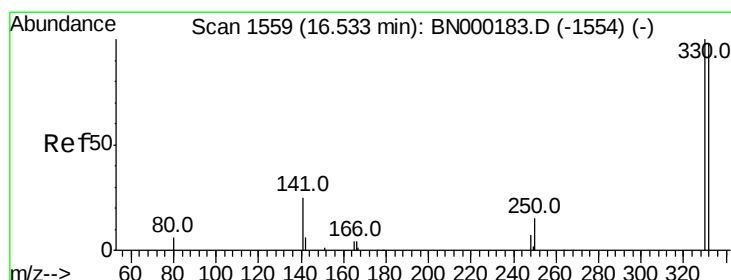
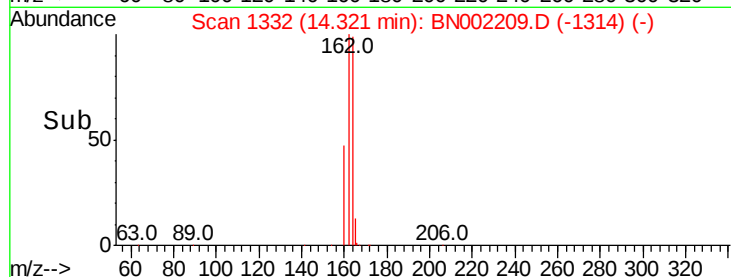
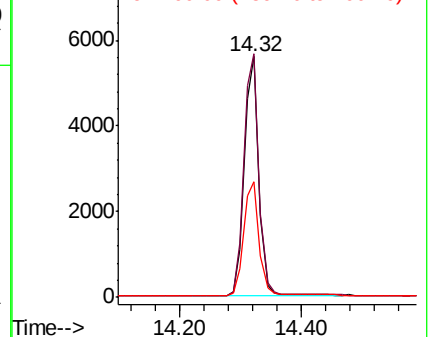
160 47.8 37.1 55.7



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: 0.264 ng

RT: 15.83 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

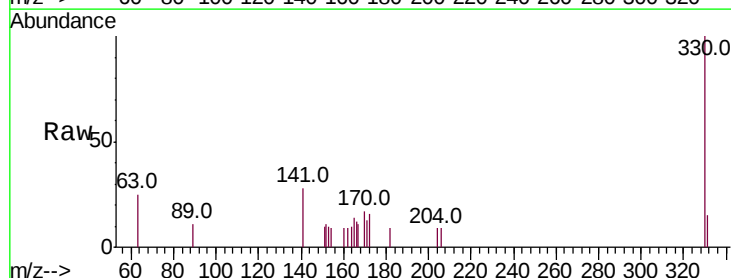
Tgt Ion:330 Resp: 1024

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

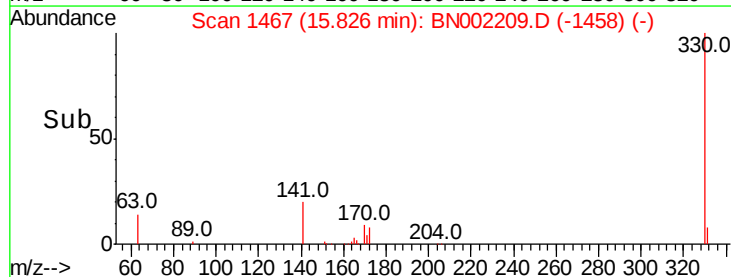
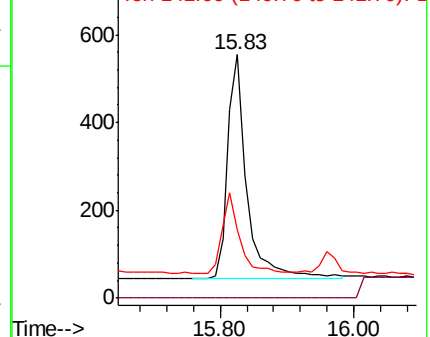
141 33.4 33.7 50.5#

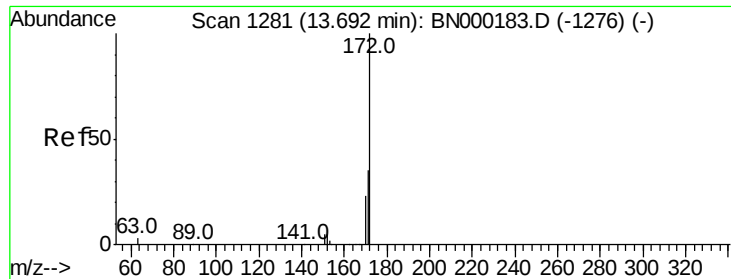


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

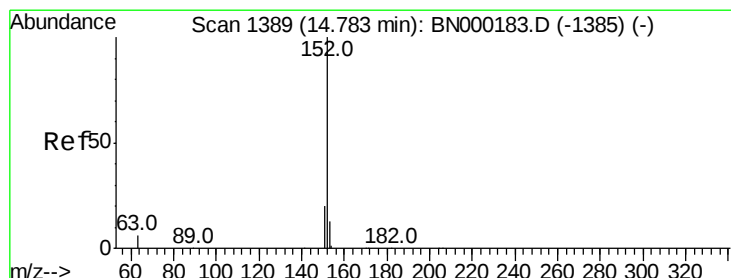
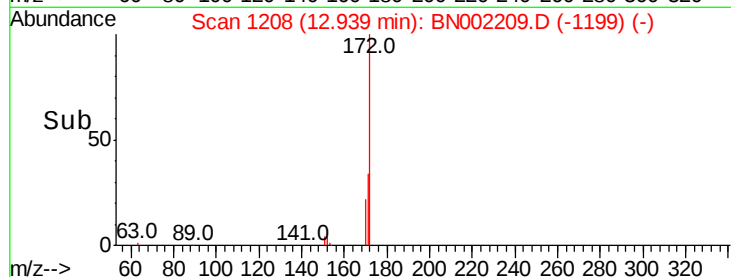
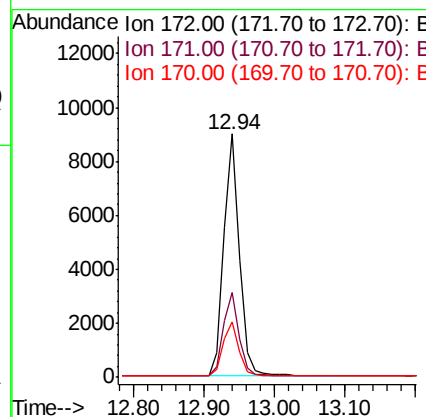
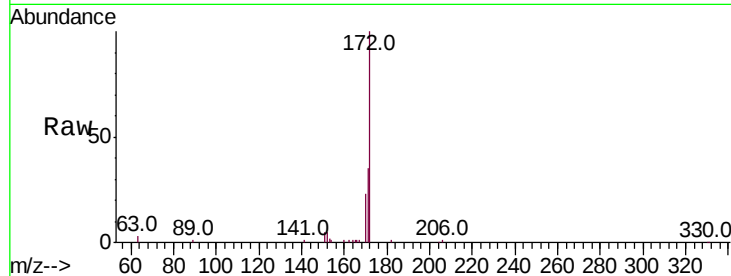




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

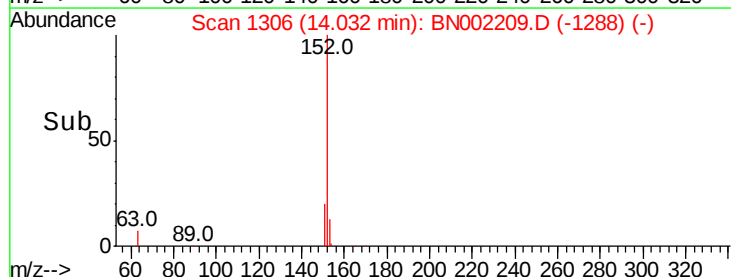
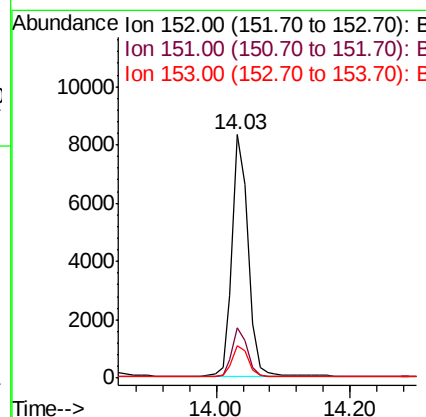
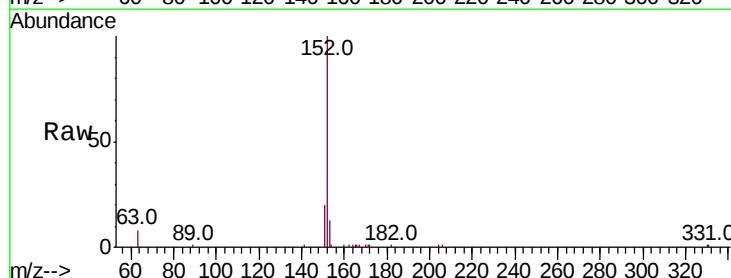
Instrument :
BNA_N
ClientSampleId :
PB111543BS

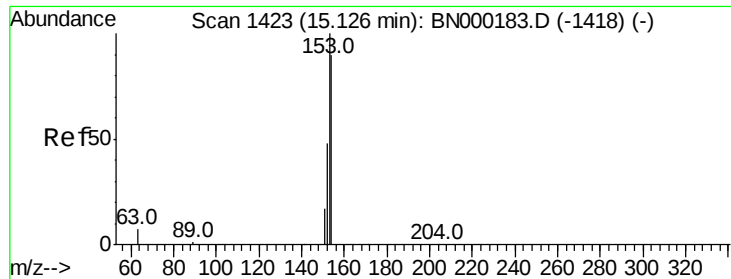
Tot Ion:172 Resp: 14214
Ion Ratio Lower Upper
172 100
171 34.7 29.9 44.9
170 22.9 21.8 32.8



#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.03 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:152 Resp: 13908
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.357 ng

RT: 14.38 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

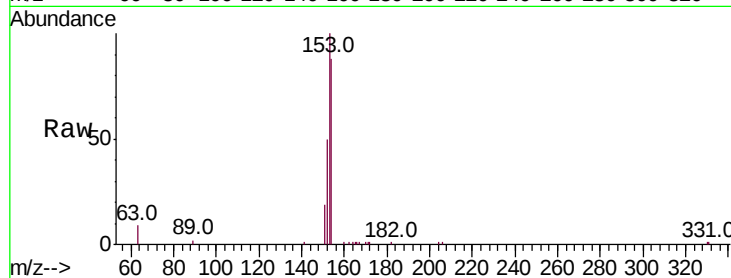
Tot Ion:154 Resp: 8930

Ion Ratio Lower Upper

154 100

153 113.2 89.2 133.8

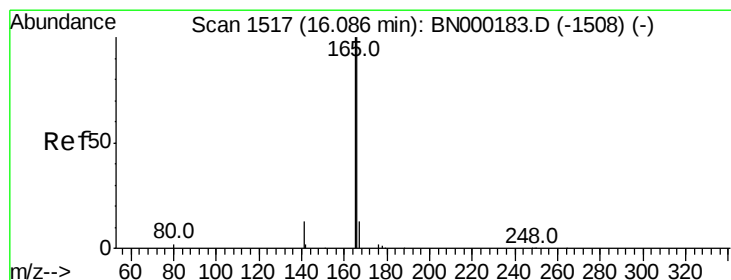
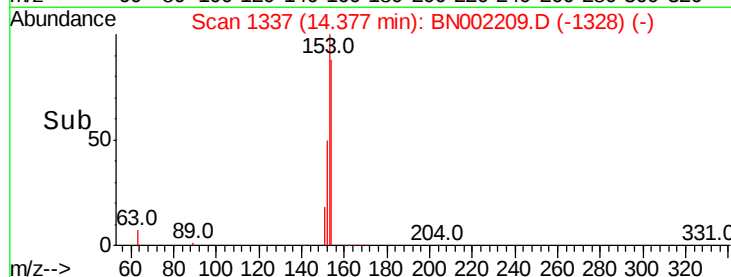
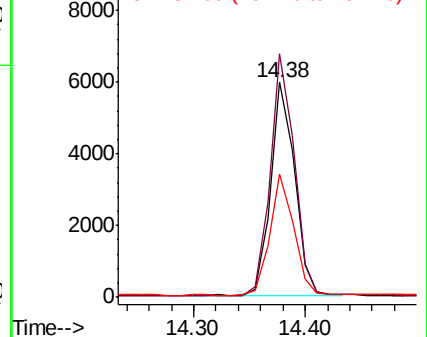
152 56.6 42.0 63.0



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: 0.362 ng

RT: 15.37 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

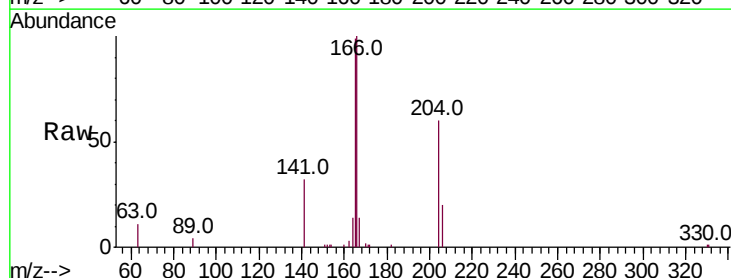
Tgt Ion:166 Resp: 11131

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.6

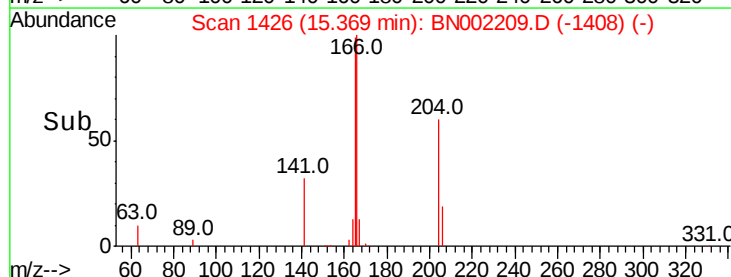
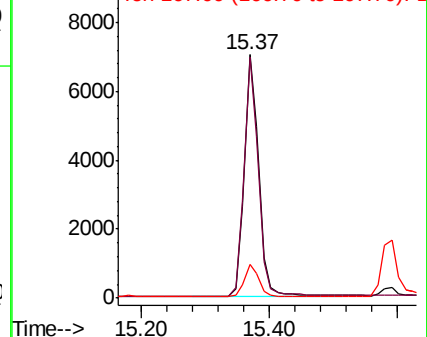
167 13.5 42.4 63.6#

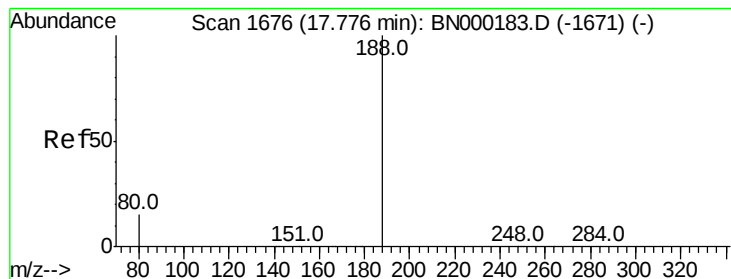


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.07 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

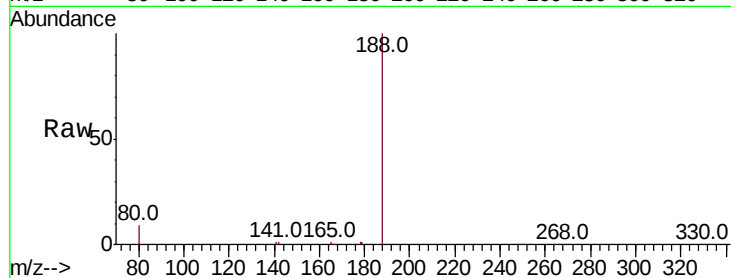
Tot Ion:188 Resp: 18739

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

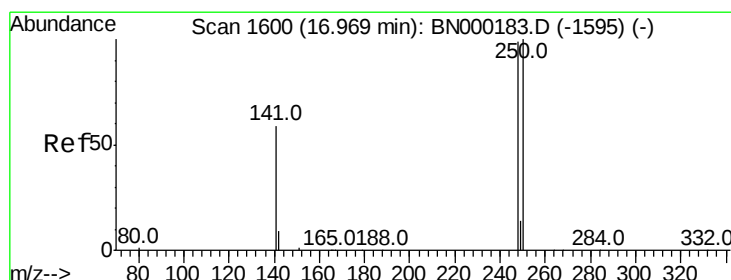
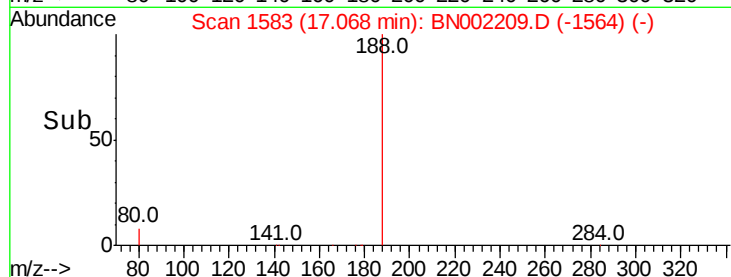
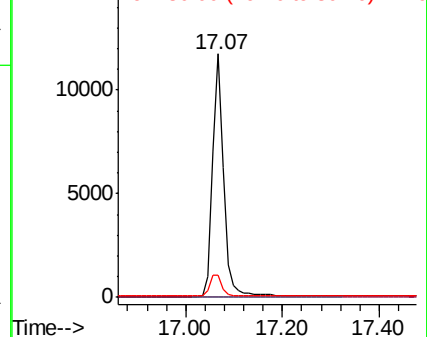
80 8.9 3.6 5.4#



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: 0.342 ng

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

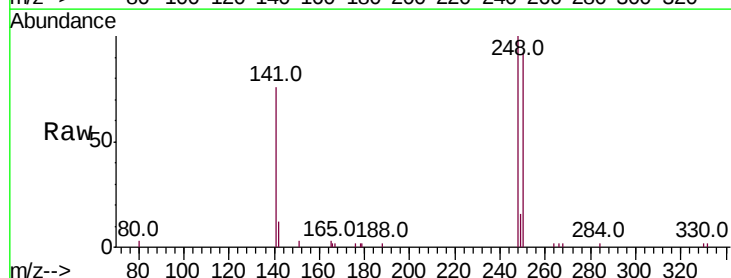
Tgt Ion:248 Resp: 3630

Ion Ratio Lower Upper

248 100

250 92.1 62.7 94.1

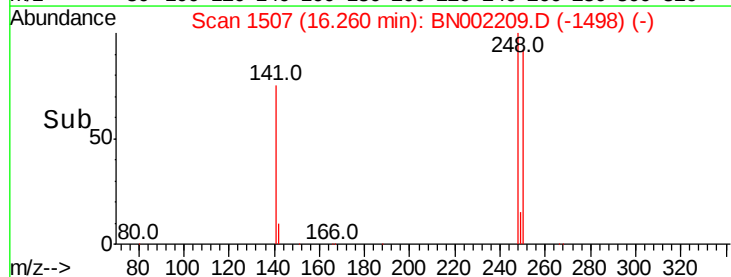
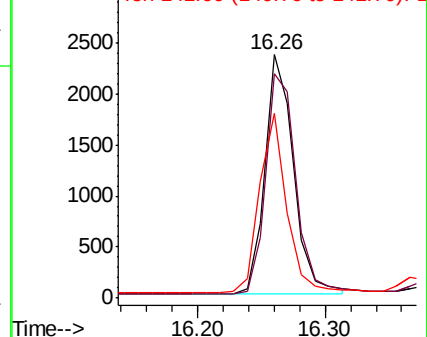
141 75.7 48.2 72.2#

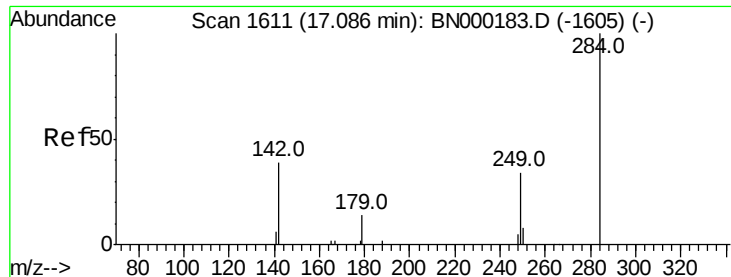


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

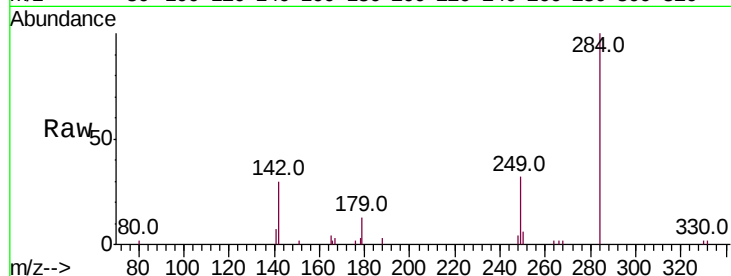




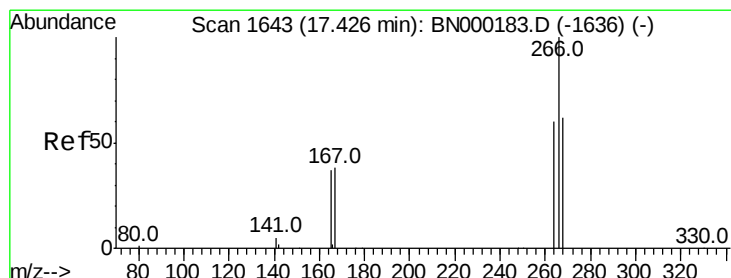
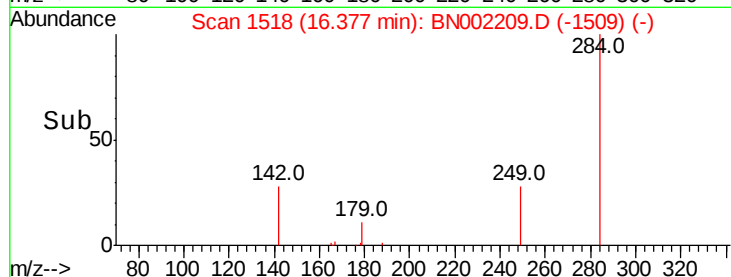
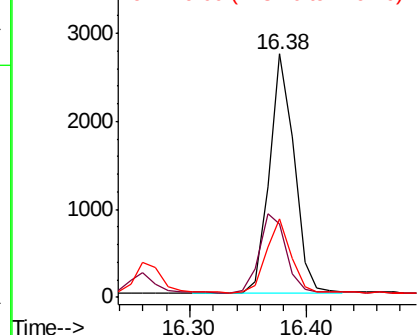
#21
Hexachlorobenzene
Concen: 0.342 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Instrument :
BNA_N
ClientSampleId :
PB111543BS

Tot Ion:284 Resp: 4013
Ion Ratio Lower Upper
284 100
142 35.9 32.0 48.0
249 30.3 24.0 36.0

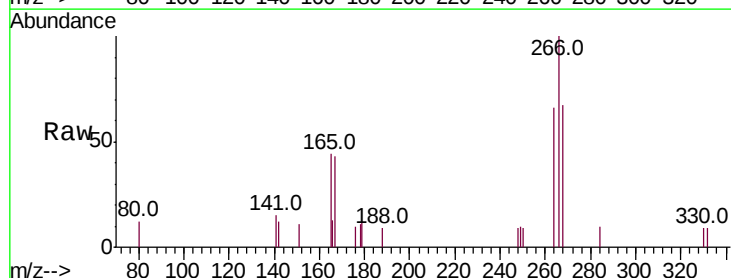


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

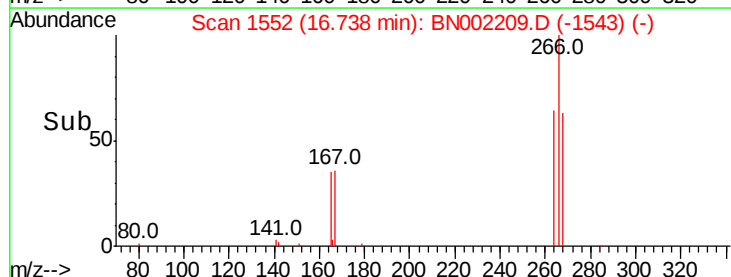
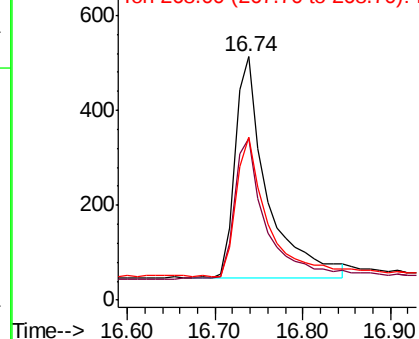


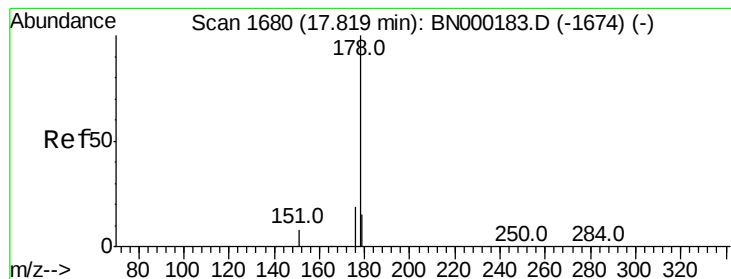
#22
Pentachlorophenol
Concen: 0.491 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN002209.D
Acq: 31 Jul 2018 13:55

Tgt Ion:266 Resp: 1167
Ion Ratio Lower Upper
266 100
264 66.5 48.0 72.0
268 66.9 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: 0.366 ng

RT: 17.11 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

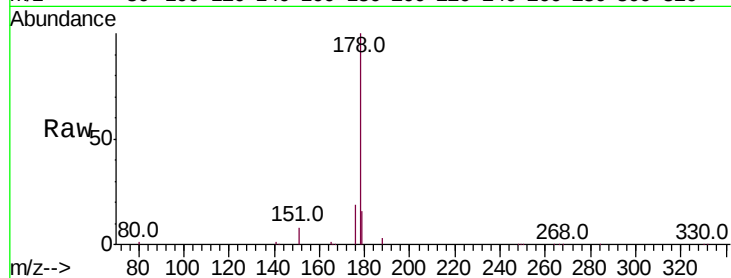
Tot Ion:178 Resp: 17081

Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

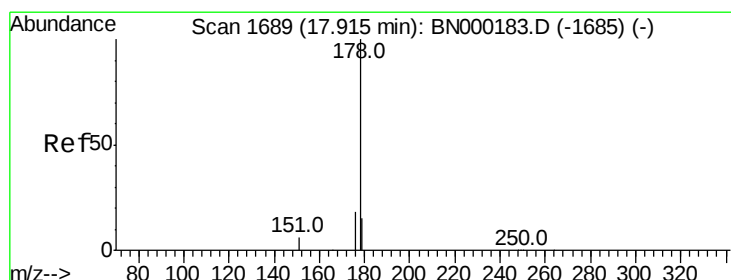
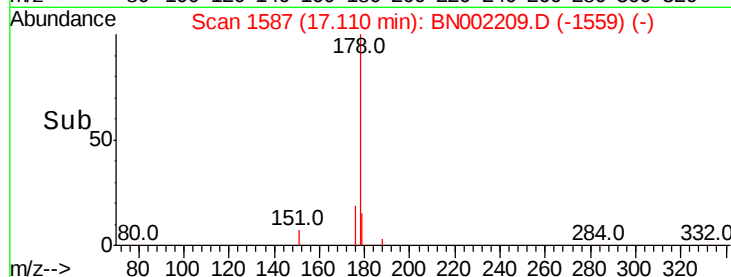
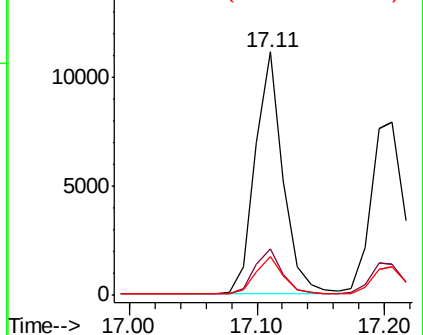
179 15.4 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.368 ng

RT: 17.21 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

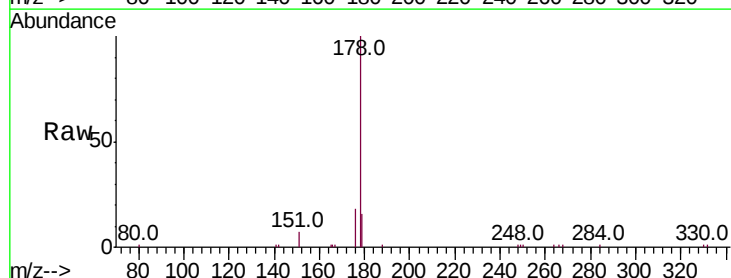
Tgt Ion:178 Resp: 14196

Ion Ratio Lower Upper

178 100

176 18.3 12.8 19.2

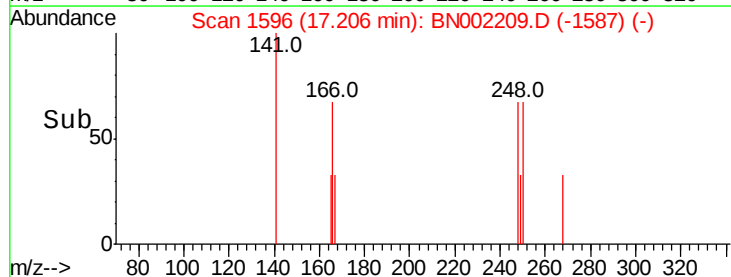
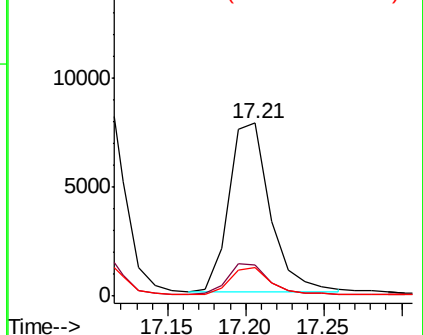
179 15.5 13.0 19.6

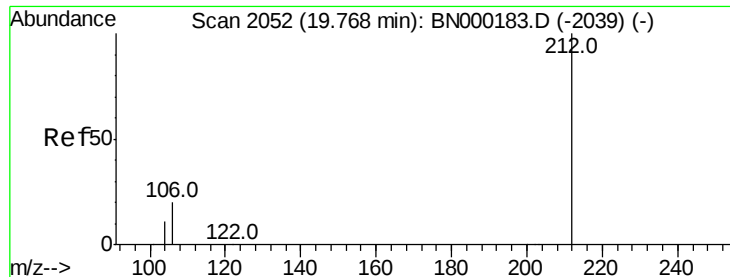


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.320 ng

RT: 19.11 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

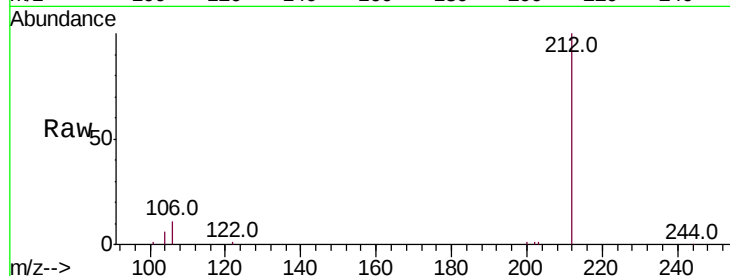
Tot Ion:212 Resp: 14821

Ion Ratio Lower Upper

212 100

106 11.5 2.8 4.2#

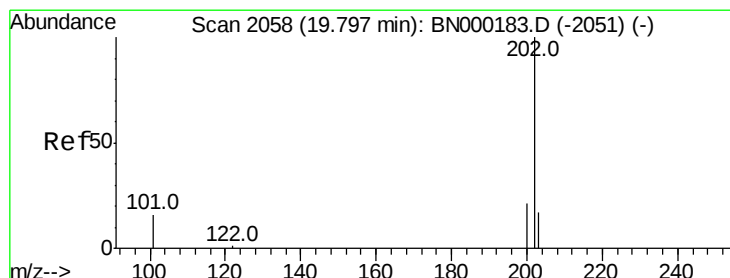
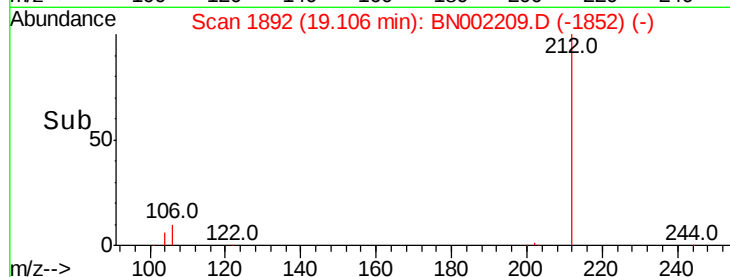
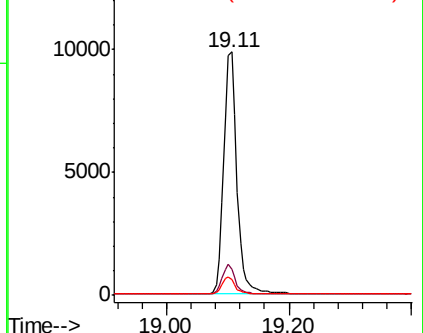
104 6.7 1.6 2.4#



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: 0.327 ng

RT: 19.14 min Scan# 1898

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

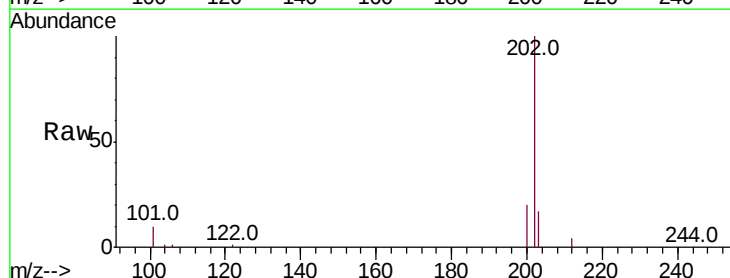
Tgt Ion:202 Resp: 16604

Ion Ratio Lower Upper

202 100

101 9.7 9.8 14.8#

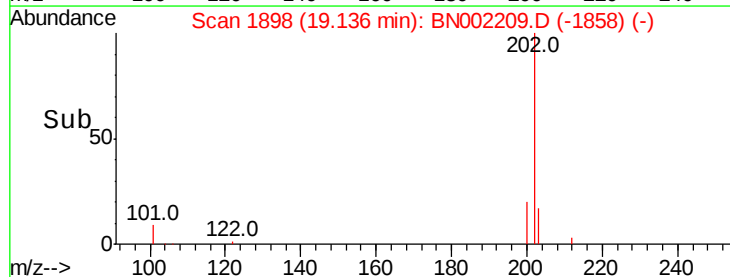
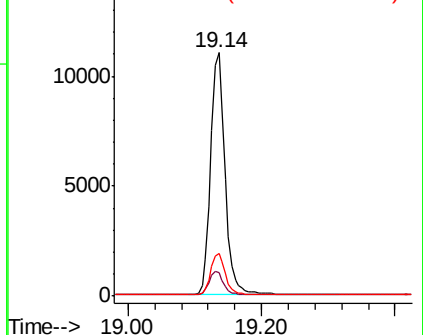
203 16.9 13.7 20.5

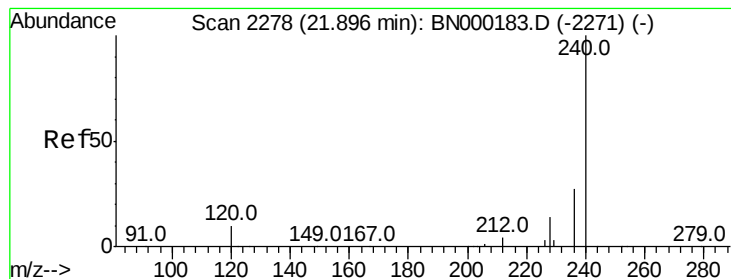


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

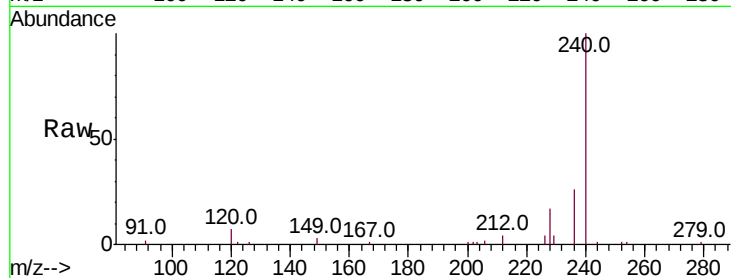
Tot Ion:240 Resp: 11910

Ion Ratio Lower Upper

240 100

120 7.2 5.5 8.3

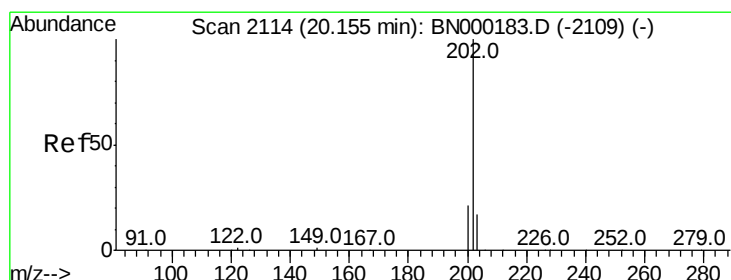
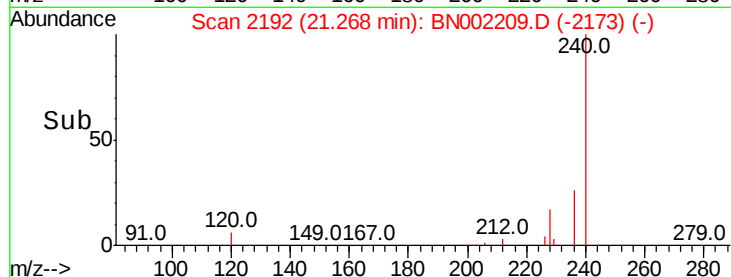
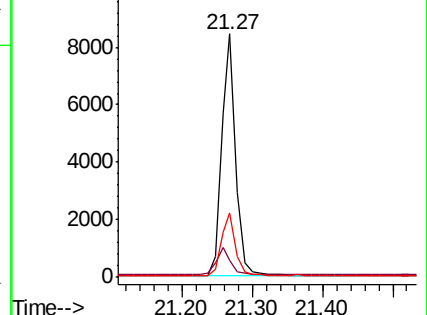
236 26.2 20.7 31.1



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: 0.450 ng

RT: 19.50 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

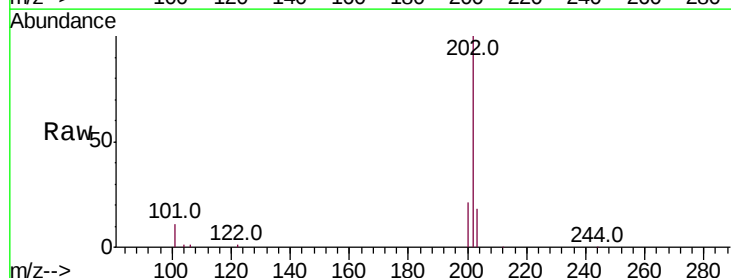
Tgt Ion:202 Resp: 15850

Ion Ratio Lower Upper

202 100

200 20.3 16.6 25.0

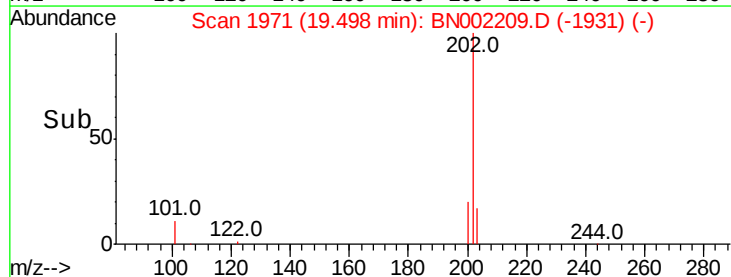
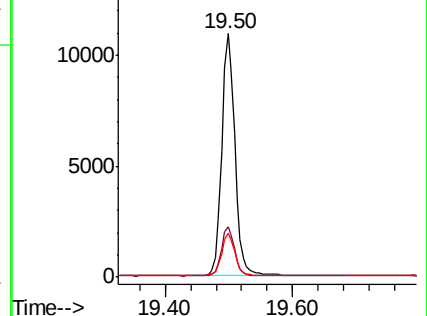
203 18.0 13.8 20.8

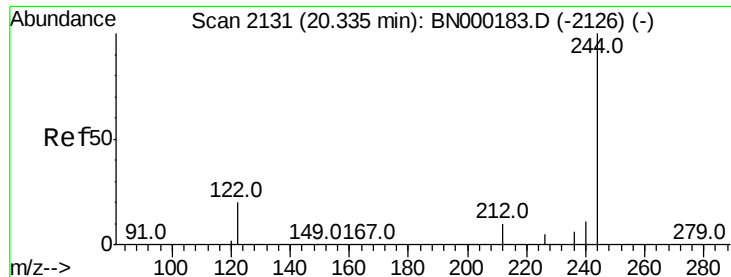


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.387 ng

RT: 19.71 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

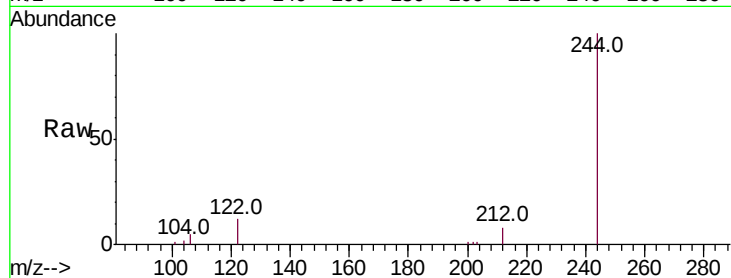
Tot Ion:244 Resp: 9850

Ion Ratio Lower Upper

244 100

212 8.2 25.4 38.0#

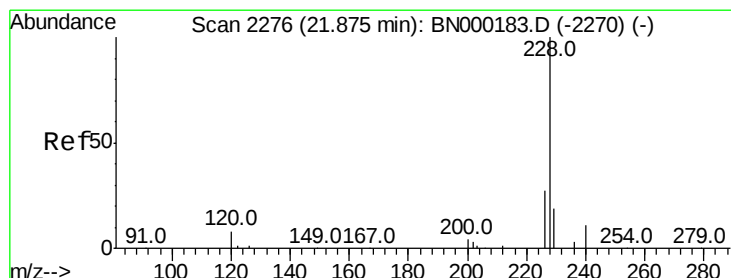
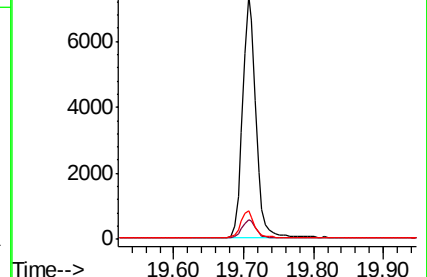
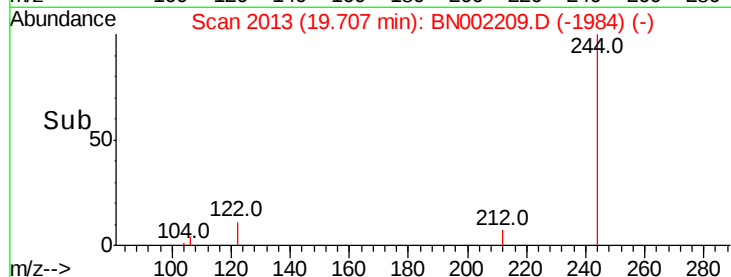
122 11.8 8.1 12.1



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: 0.381 ng

RT: 21.25 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

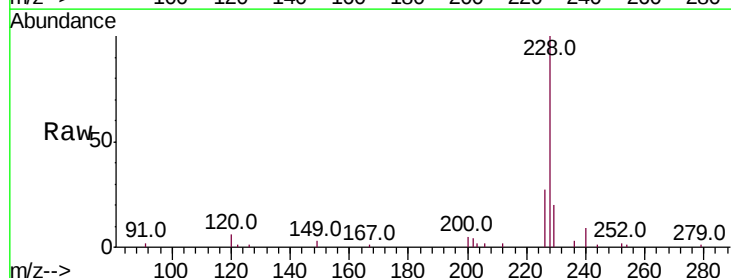
Tgt Ion:228 Resp: 11430

Ion Ratio Lower Upper

228 100

226 27.5 24.0 36.0

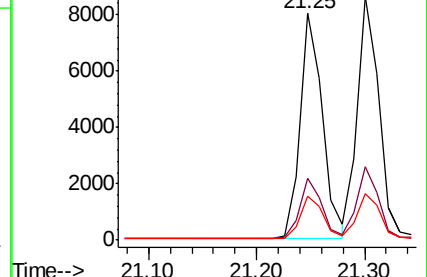
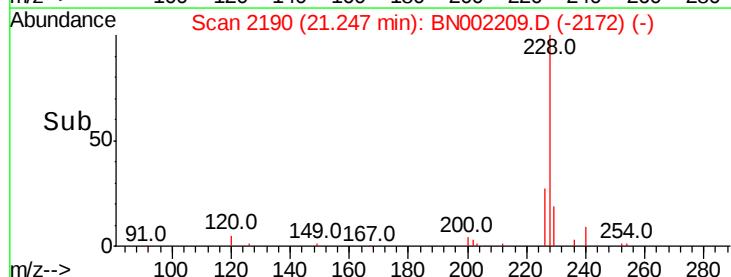
229 19.7 16.0 24.0

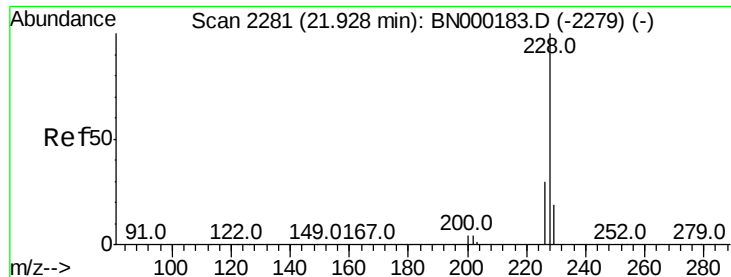


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.355 ng

RT: 21.30 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

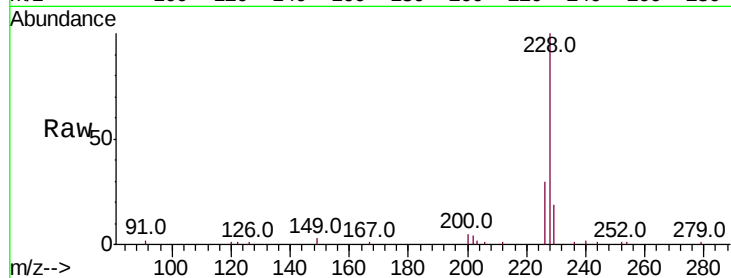
BNA_N

ClientSampleId :

PB111543BS

Tot Ion:228 Resp: 11918

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	19.4	16.0	24.0

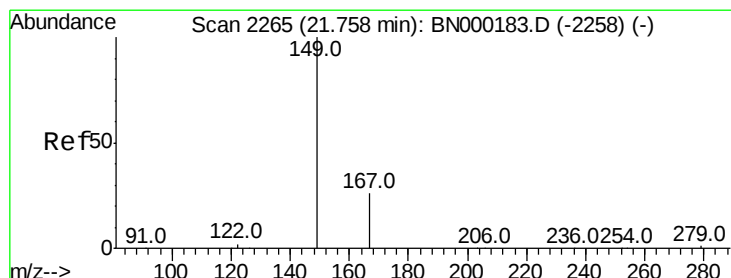
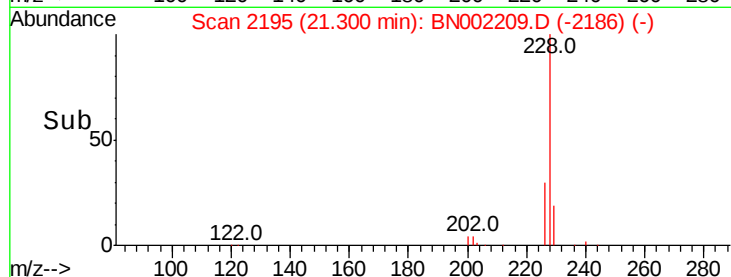
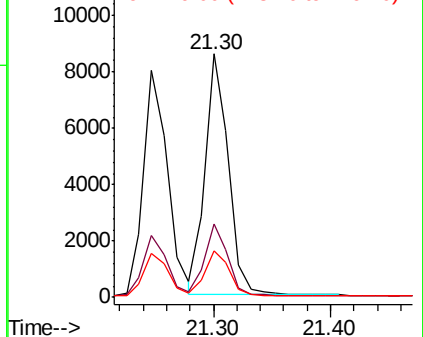


Abundance

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: 0.390 ng

RT: 21.18 min Scan# 2184

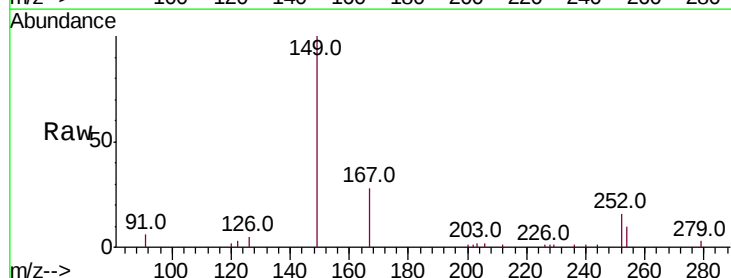
Delta R.T. -0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Tgt Ion:149 Resp: 5339

Ion	Ratio	Lower	Upper
149	100		
167	27.9	20.0	30.0
279	4.4	1.6	2.4

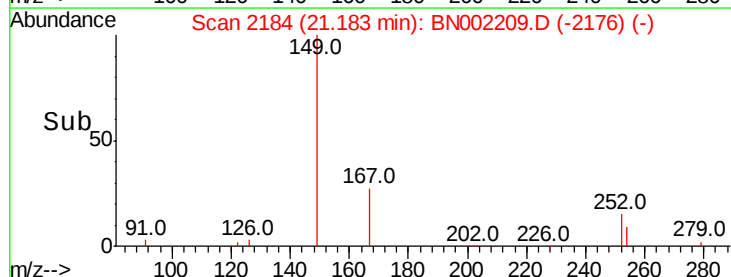
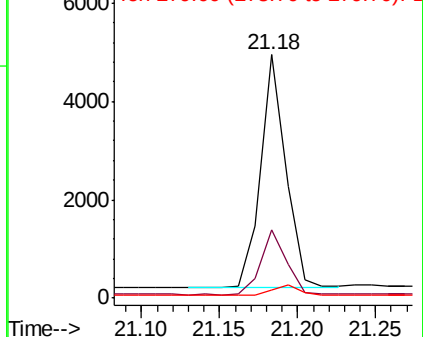


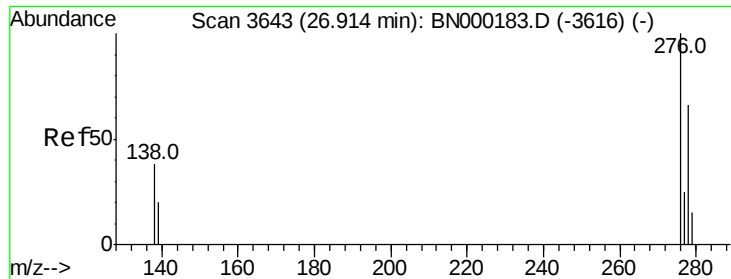
Abundance

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: 0.357 ng

RT: 25.72 min Scan# 3269

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

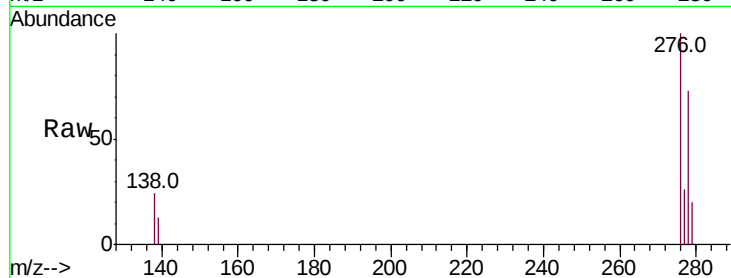
Tot Ion:276 Resp: 11288

Ion Ratio Lower Upper

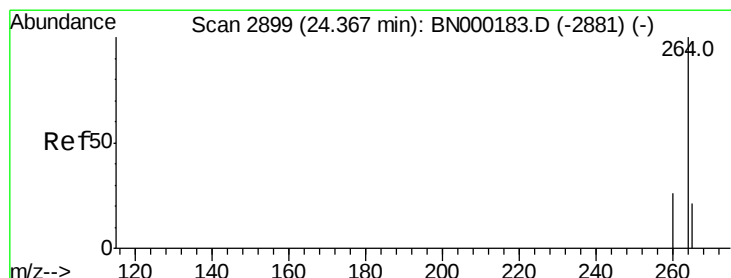
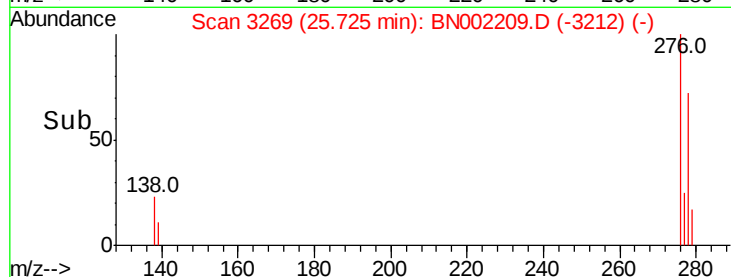
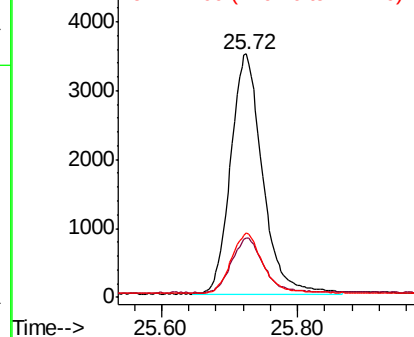
276 100

138 22.9 22.5 33.7

277 24.7 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.50 min Scan# 2618

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

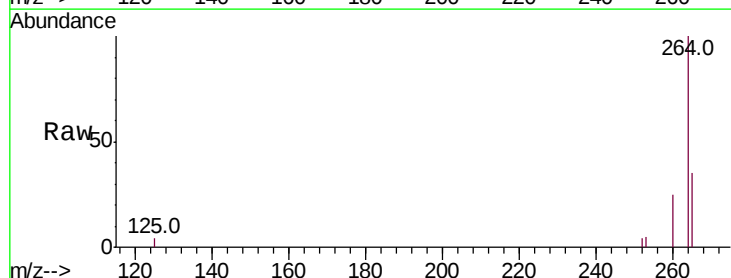
Tgt Ion:264 Resp: 8955

Ion Ratio Lower Upper

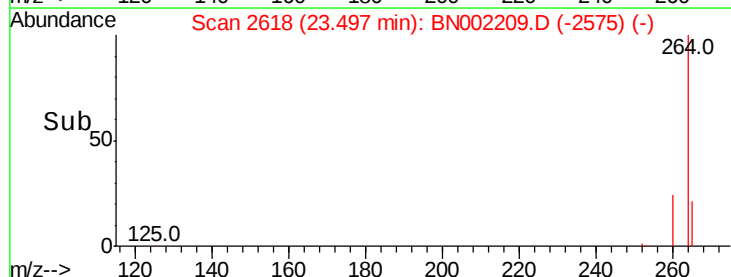
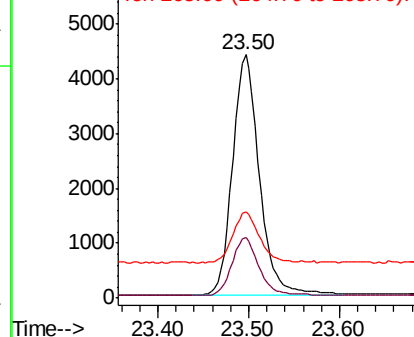
264 100

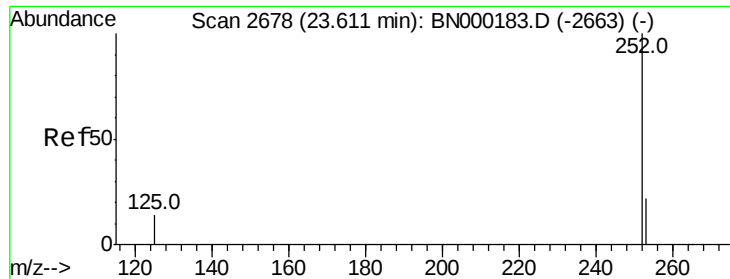
260 25.1 20.5 30.7

265 35.5 22.8 34.2#



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.371 ng

RT: 22.83 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

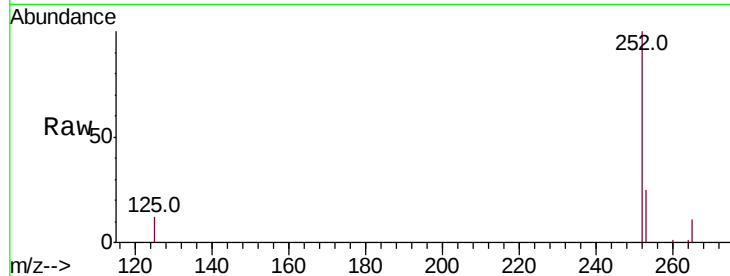
Tot Ion:252 Resp: 9774

Ion Ratio Lower Upper

252 100

253 24.8 20.0 30.0

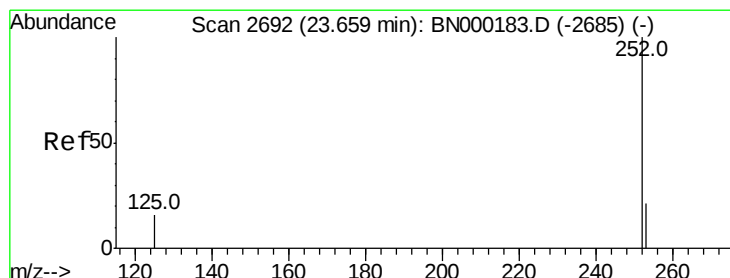
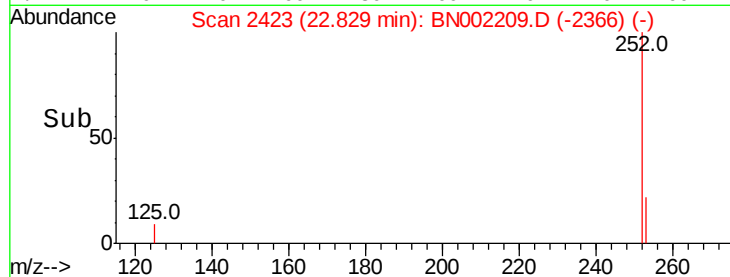
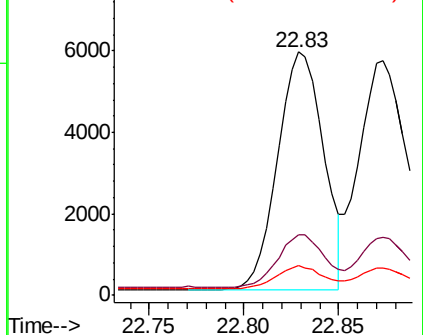
125 12.1 16.0 24.0#



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: 0.372 ng

RT: 22.87 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

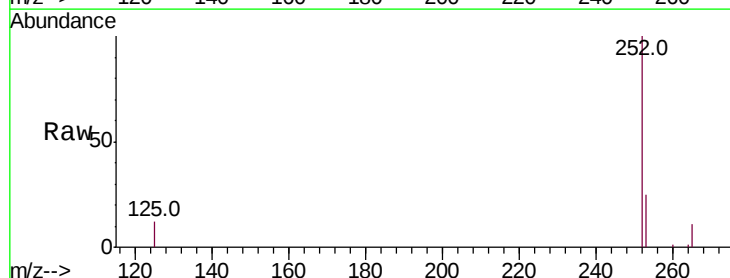
Tgt Ion:252 Resp: 10178

Ion Ratio Lower Upper

252 100

253 25.0 16.0 24.0#

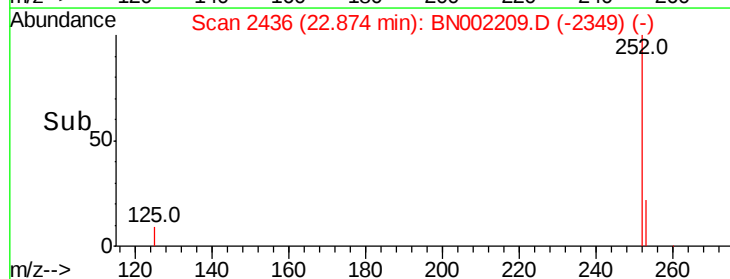
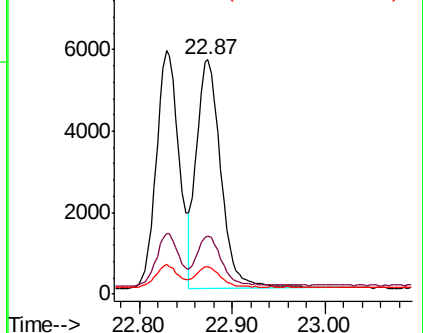
125 11.7 8.0 12.0

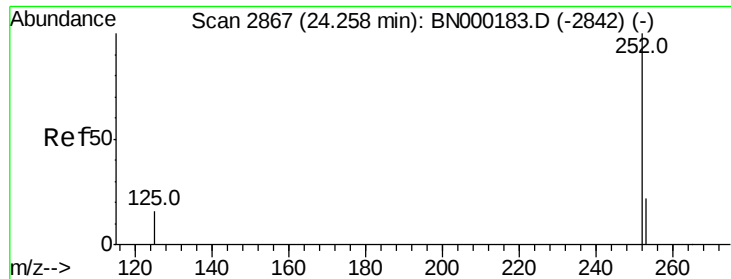


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.40 min Scan# 2589

Delta R.T. -0.00 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

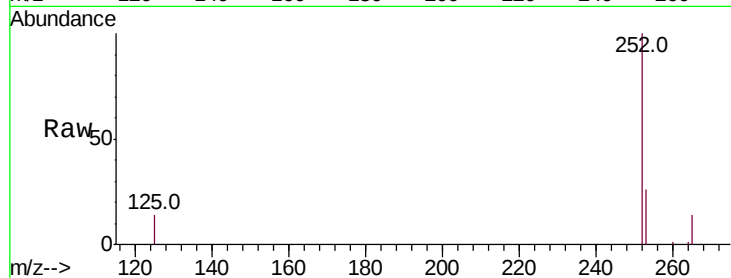
Tot Ion:252 Resp: 9085

Ion Ratio Lower Upper

252 100

253 25.8 16.0 24.0#

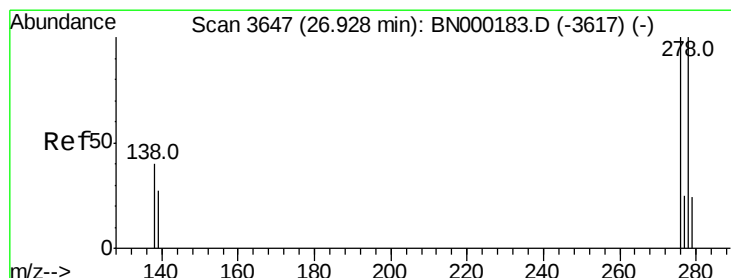
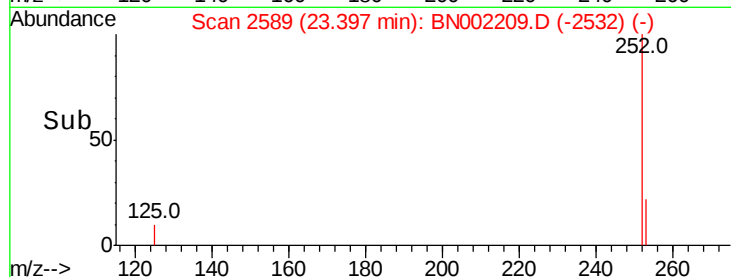
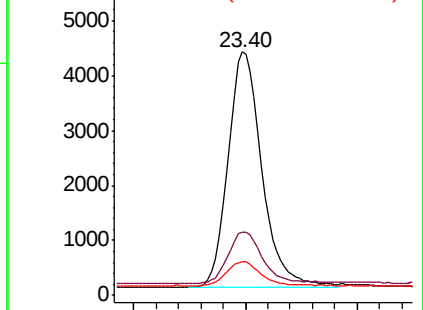
125 13.8 12.0 18.0



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: 0.405 ng

RT: 25.74 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

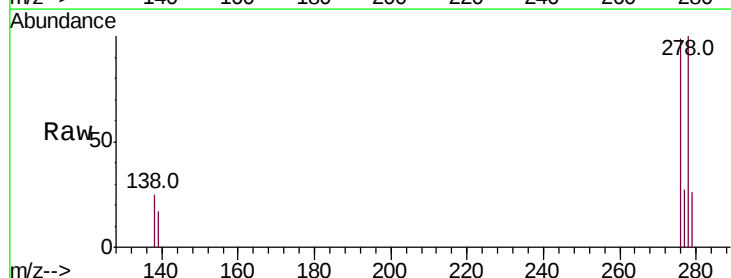
Tgt Ion:278 Resp: 9397

Ion Ratio Lower Upper

278 100

139 16.5 16.0 24.0

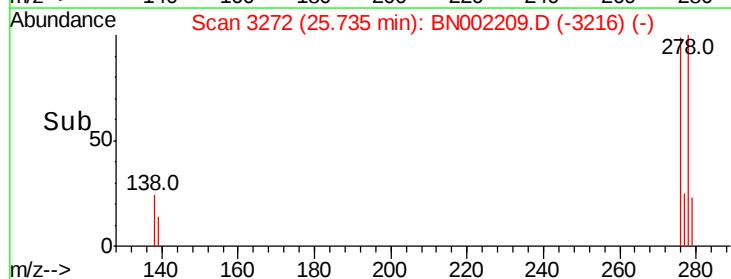
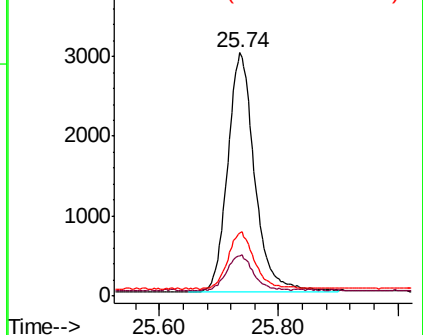
279 26.2 20.0 30.0

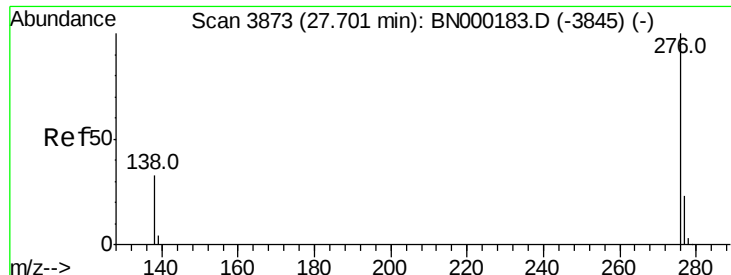


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.422 ng

RT: 26.40 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BN002209.D

Acq: 31 Jul 2018 13:55

Instrument :

BNA_N

ClientSampleId :

PB111543BS

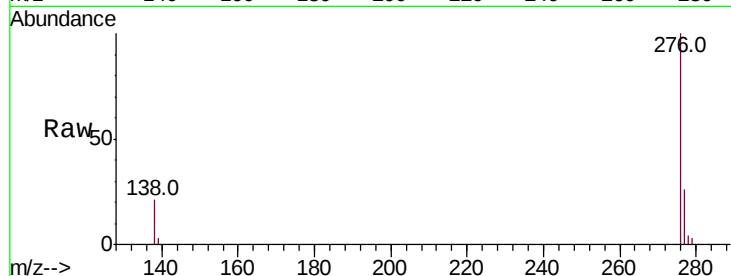
Tot Ion:276 Resp: 10002

Ion Ratio Lower Upper

276 100

277 25.8 16.0 24.0#

138 21.4 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

