

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
 Data File : BN004920.D
 Acq On : 23 Mar 2019 14:58
 Operator : JU/SJ
 Sample : PB118204BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118204BS

Quant Time: Mar 24 00:59:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 20 16:06:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	1109	0.40	ng	0.00
7) Naphthalene-d8	10.48	136	4250	0.40	ng	-0.01
13) Acenaphthene-d10	14.33	164	2441	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	5822	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	8083	0.40	ng	-0.01
34) Perylene-d12	23.53	264	9888	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	1134	0.38	ng	0.00
5) Phenol-d6	6.87	99	1322	0.35	ng	0.00
8) Nitrobenzene-d5	8.86	82	1023	0.36	ng	-0.01
11) 2-Methylnaphthalene-d10	12.07	152	2125	0.29	ng	0.00
14) 2,4,6-Tribromophenol	15.84	330	533	0.32	ng	-0.01
15) 2-Fluorobiphenyl	12.95	172	3204	0.32	ng	-0.01
25) Fluoranthene-d10	19.12	212	6240	0.32	ng	0.00
29) Terphenyl-d14	19.72	244	5142	0.31	ng	0.00

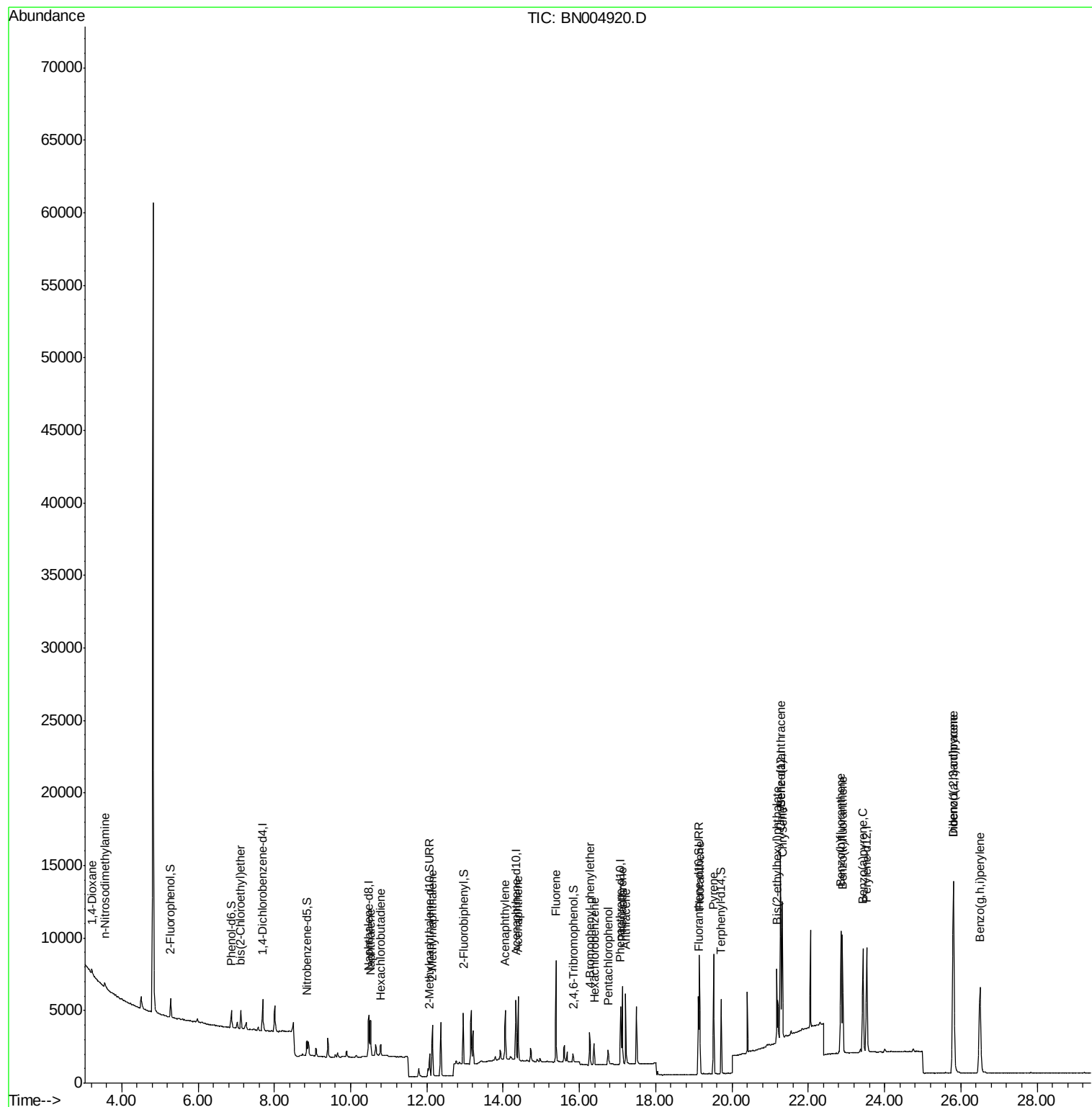
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	328	0.260	ng	# 69
3) n-Nitrosodimethylamine	3.55	42	271	0.364	ng	# 87
6) bis(2-Chloroethyl)ether	7.12	93	1082	0.320	ng	98
9) Naphthalene	10.53	128	3792	0.318	ng	96
10) Hexachlorobutadiene	10.80	225	674	0.296	ng	# 98
12) 2-Methylnaphthalene	12.15	142	2677	0.302	ng	98
16) Acenaphthylene	14.05	152	3832	0.305	ng	99
17) Acenaphthene	14.39	154	2461	0.299	ng	98
18) Fluorene	15.38	166	3323	0.289	ng	99
20) 4-Bromophenyl-phenylether	16.27	248	1155	0.304	ng	96
21) Hexachlorobenzene	16.39	284	1206	0.277	ng	94
22) Pentachlorophenol	16.75	266	659	0.774	ng	98
23) Phenanthrene	17.12	178	5794	0.308	ng	99
24) Anthracene	17.22	178	5284	0.315	ng	99
26) Fluoranthene	19.15	202	7441	0.308	ng	99
28) Pyrene	19.52	202	7737	0.314	ng	99
30) Benzo(a)anthracene	21.27	228	8749	0.330	ng	98
31) Chrysene	21.32	228	8640	0.309	ng	98
32) Bis(2-ethylhexyl)phthalate	21.17	149	4640	0.438	ng	97
33) Indeno(1,2,3-cd)pyrene	25.80	276	14768	0.366	ng	98
35) Benzo(b)fluoranthene	22.85	252	10378	0.290	ng	# 90
36) Benzo(k)fluoranthene	22.90	252	10284	0.292	ng	# 90
37) Benzo(a)pyrene	23.43	252	10307	0.314	ng	# 89
38) Dibenzo(a,h)anthracene	25.81	278	12392	0.326	ng	# 94
39) Benzo(g,h,i)perylene	26.50	276	12920	0.334	ng	96

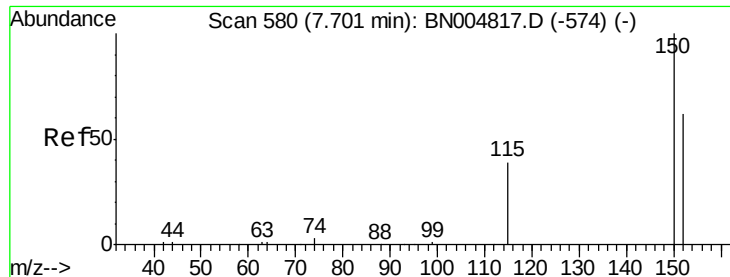
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
Data File : BN004920.D
Acq On : 23 Mar 2019 14:58
Operator : JU/SJ
Sample : PB118204BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB118204BS

Quant Time: Mar 24 00:59:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.69 min Scan# 579

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

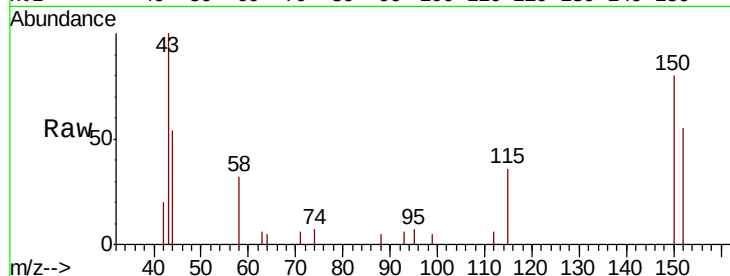
Tgt Ion: 152 Resp: 1109

Ion Ratio Lower Upper

152 100

150 146.5 126.2 189.4

115 65.2 52.6 79.0

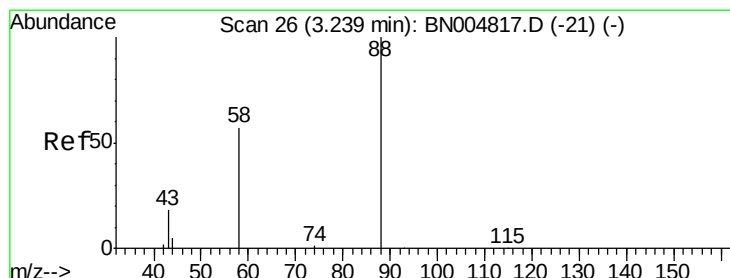
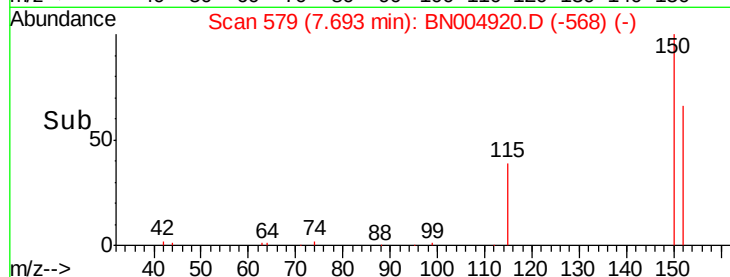
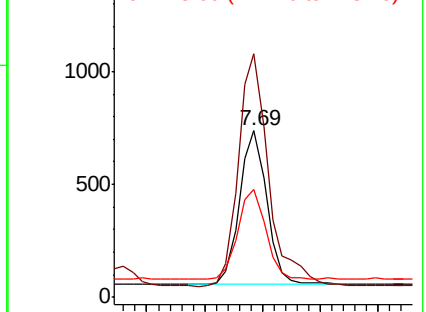


Abundance

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: 3.22 min Scan# 24

Delta R.T. -0.02 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

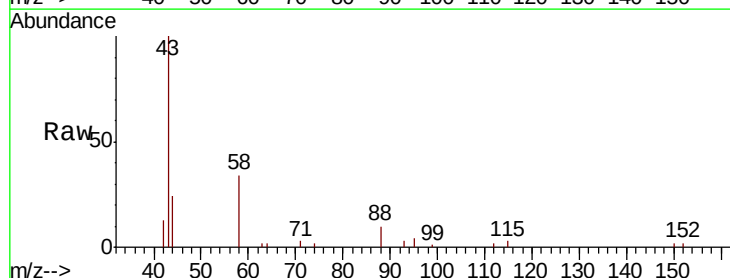
Tgt Ion: 88 Resp: 328

Ion Ratio Lower Upper

88 100

58 82.9 51.4 77.2#

43 0.0 20.0 30.0#

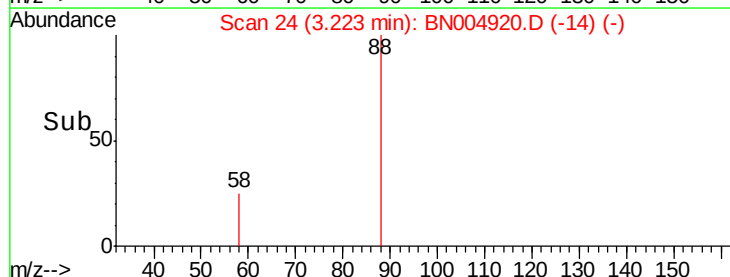
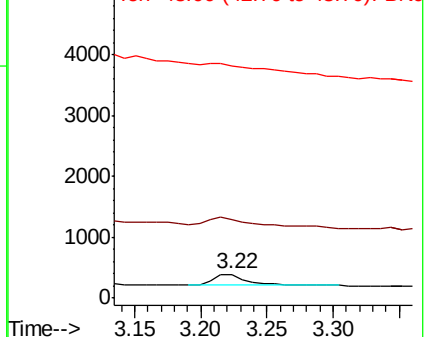


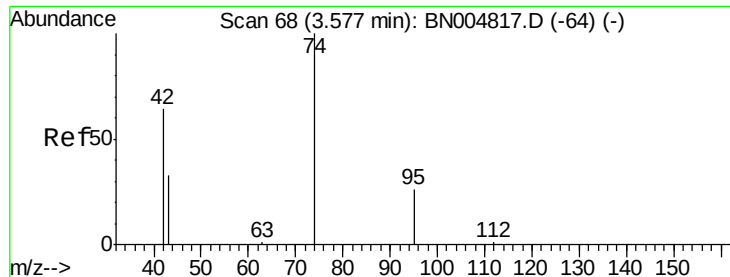
Abundance

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: 0.364 ng

RT: 3.55 min Scan# 65

Delta R.T. -0.02 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

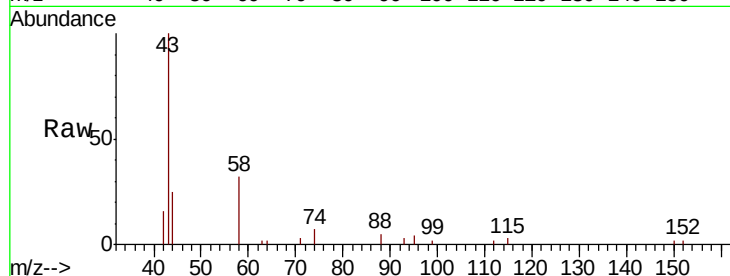
Tgt Ion: 42 Resp: 271

Ion Ratio Lower Upper

42 100

74 175.6 128.4 192.6

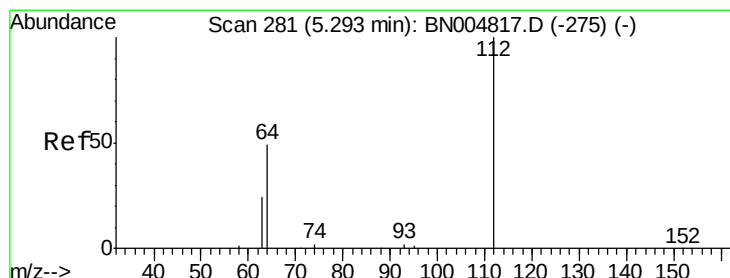
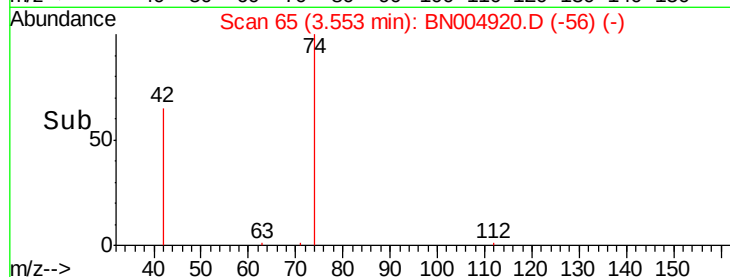
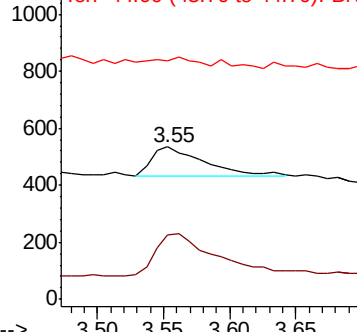
44 19.9 6.1 9.1#



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: 0.376 ng

RT: 5.28 min Scan# 280

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

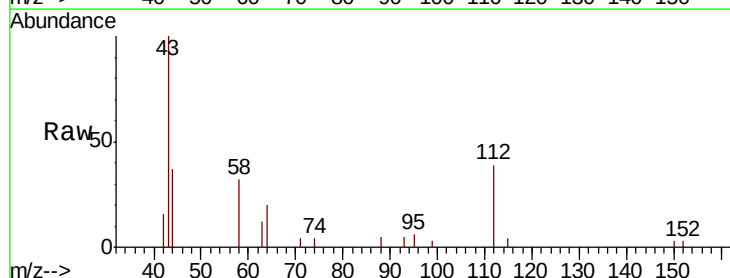
Tgt Ion: 112 Resp: 1134

Ion Ratio Lower Upper

112 100

64 51.4 40.0 60.0

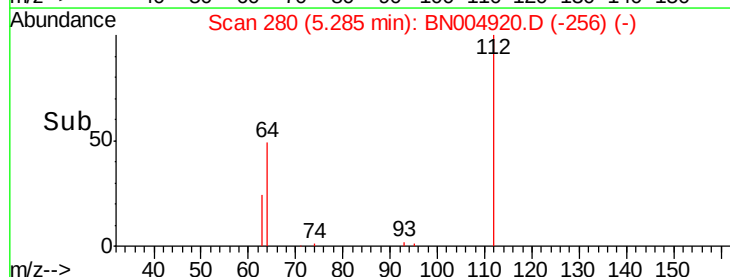
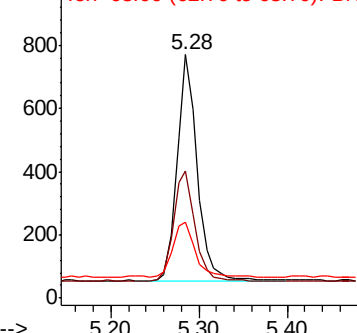
63 26.6 20.2 30.2

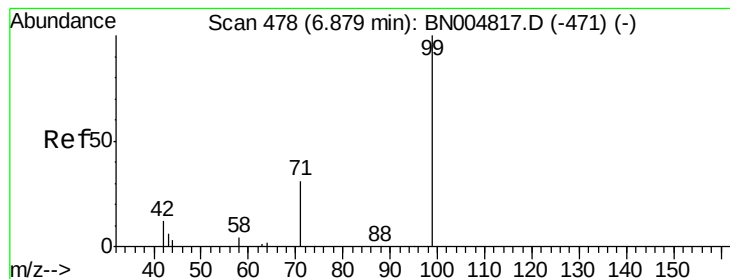


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.352 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

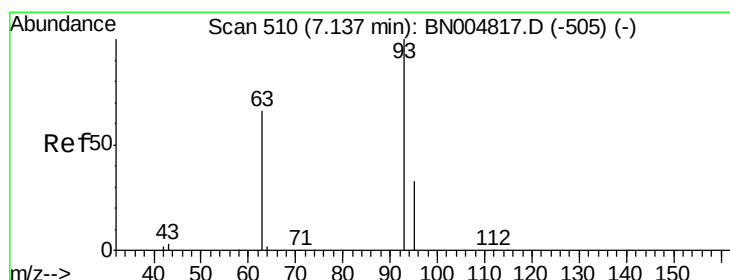
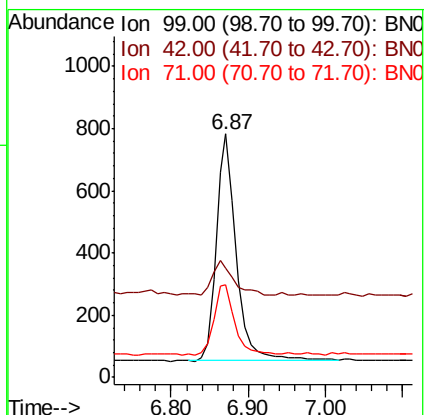
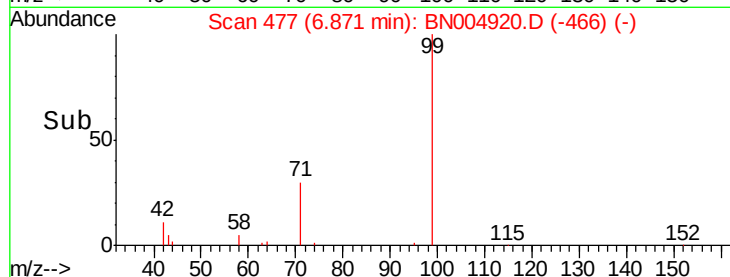
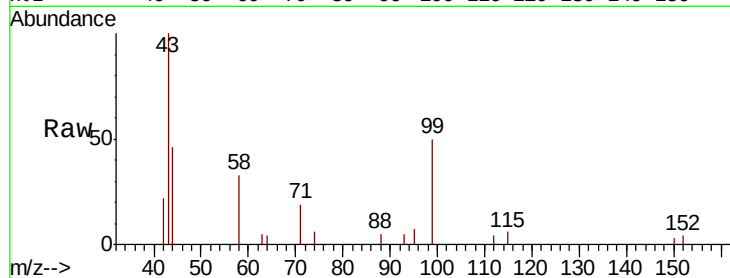
Tgt Ion: 99 Resp: 1322

Ion Ratio Lower Upper

99 100

42 16.8 12.7 19.1

71 31.5 26.6 40.0



#6

bis(2-Chloroethyl)ether

Concen: 0.320 ng

RT: 7.12 min Scan# 508

Delta R.T. -0.02 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

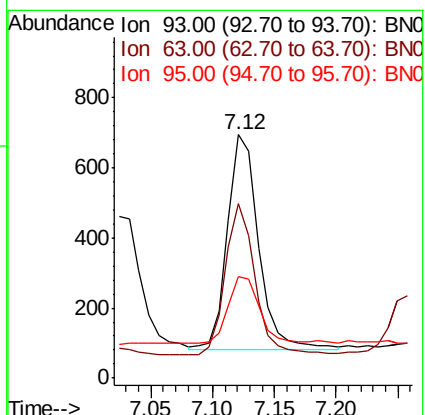
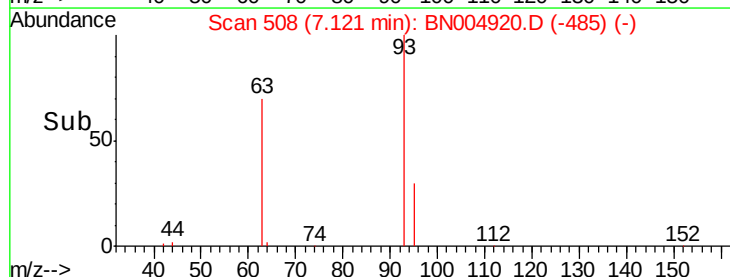
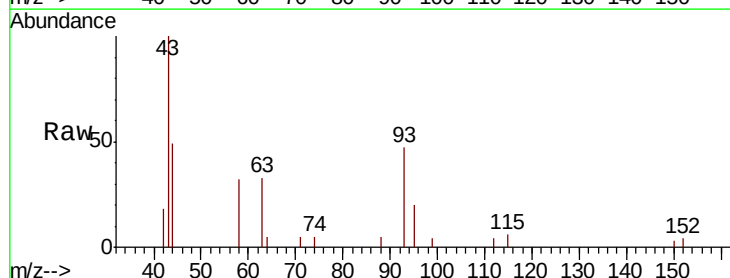
Tgt Ion: 93 Resp: 1082

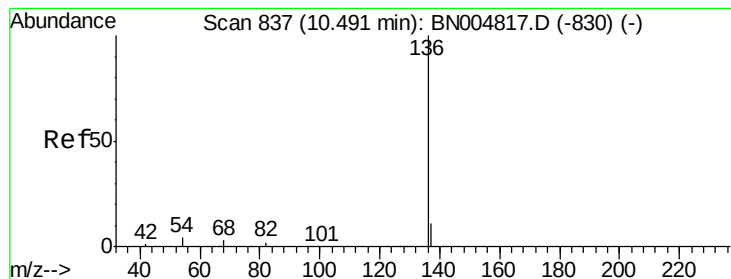
Ion Ratio Lower Upper

93 100

63 67.7 52.6 78.8

95 32.2 25.9 38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.48 min Scan# 836

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

Tgt Ion: 136 Resp: 4250

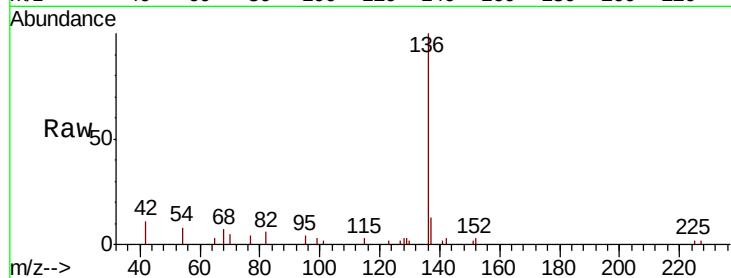
Ion Ratio Lower Upper

136 100

137 13.0 9.6 14.4

54 7.8 4.2 6.2#

68 7.4 3.9 5.9#

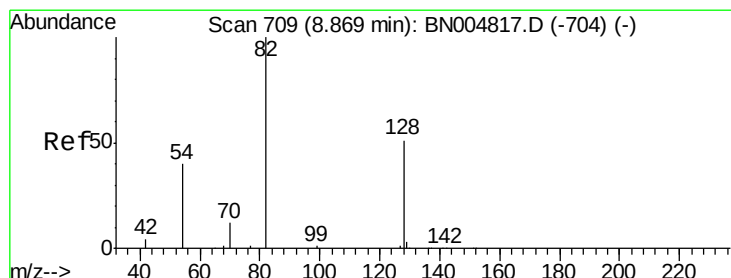
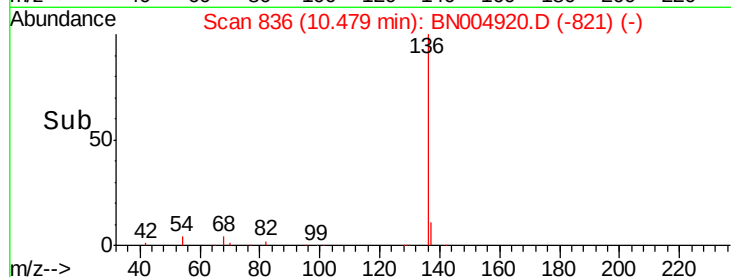
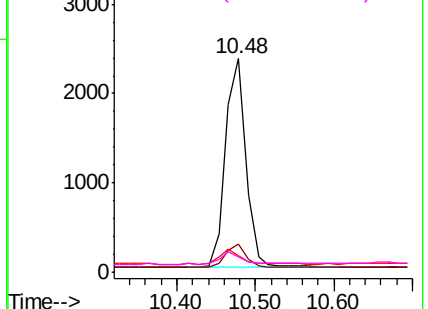


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.364 ng

RT: 8.86 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

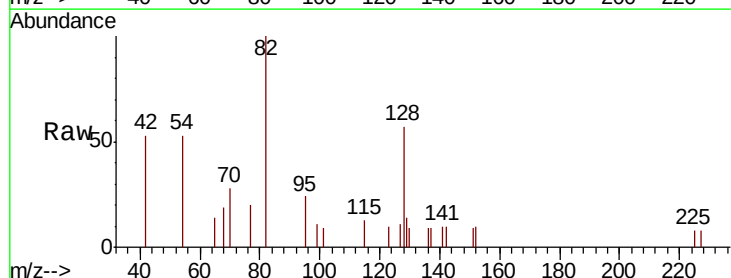
Tgt Ion: 82 Resp: 1023

Ion Ratio Lower Upper

82 100

128 56.6 43.0 64.6

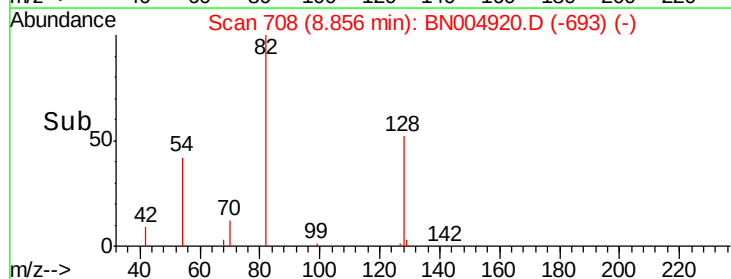
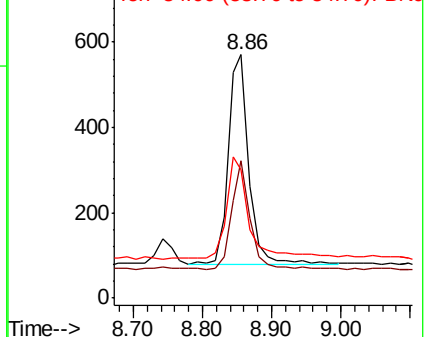
54 52.7 35.3 52.9

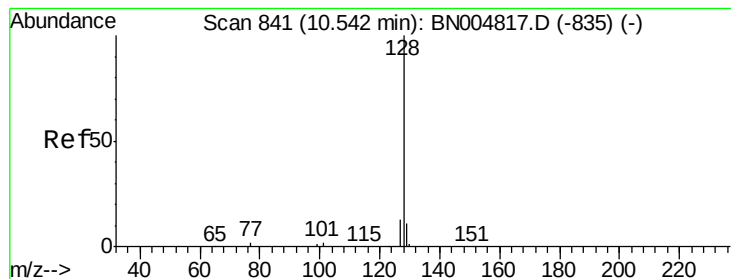


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.318 ng

RT: 10.53 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

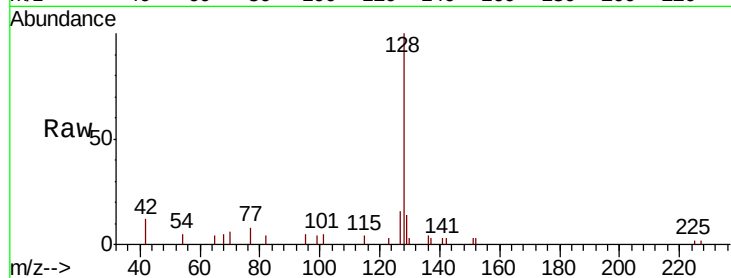
Tgt Ion:128 Resp: 3792

Ion Ratio Lower Upper

128 100

129 14.1 9.9 14.9

127 15.8 11.3 16.9

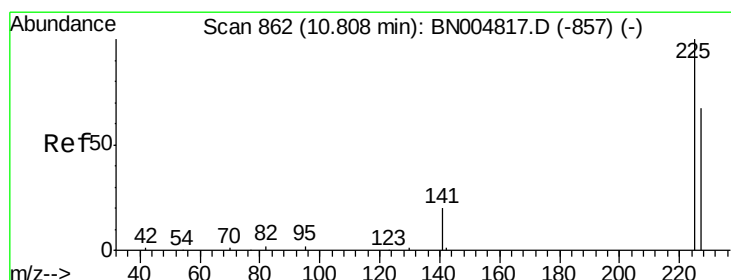
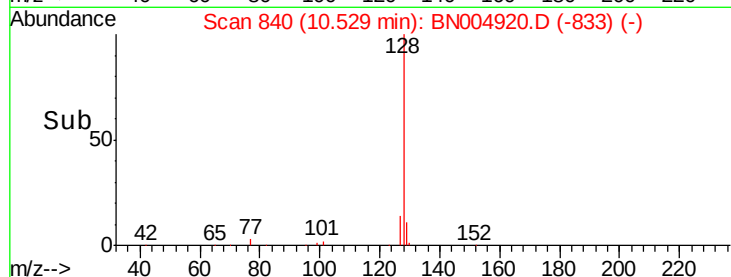
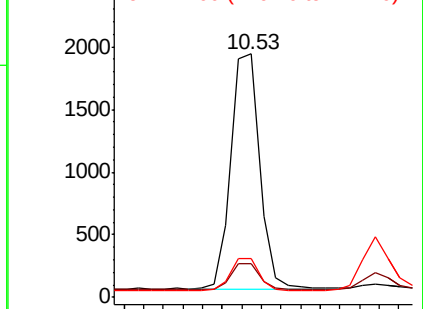


Abundance

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: 0.296 ng

RT: 10.80 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

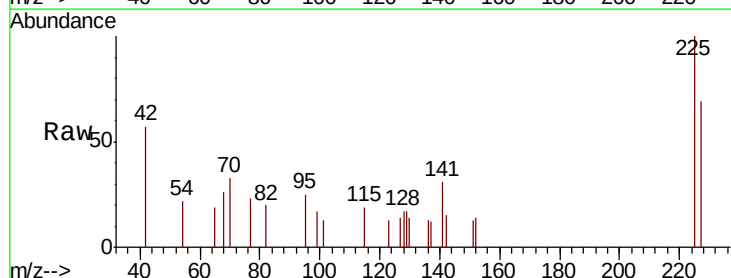
Tgt Ion:225 Resp: 674

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.6 52.2 78.4

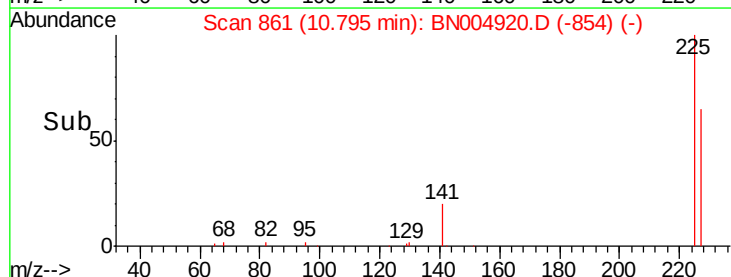
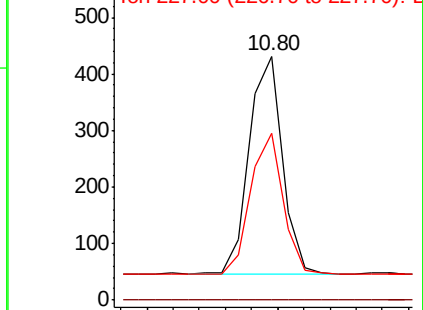


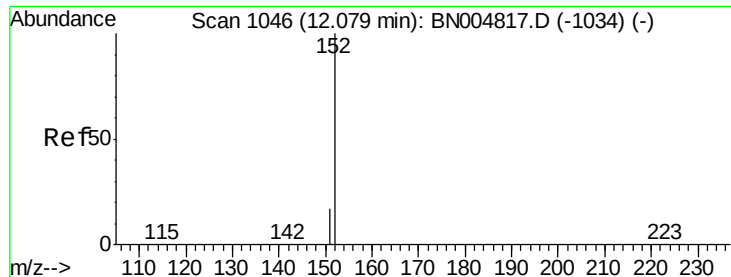
Abundance

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

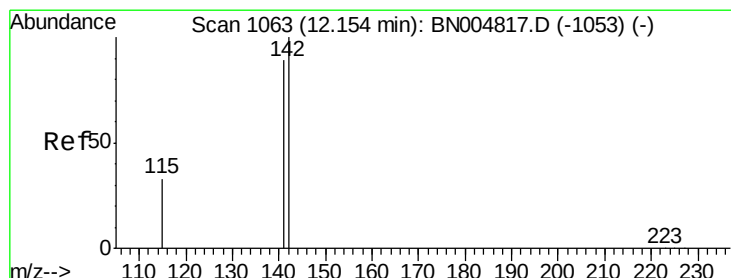
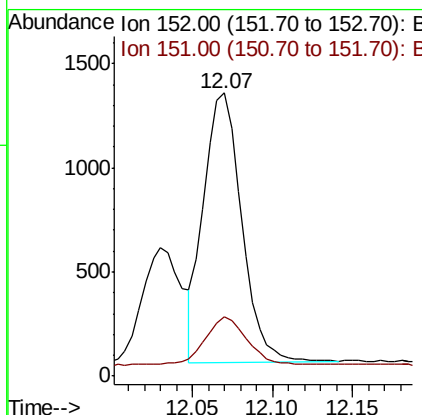
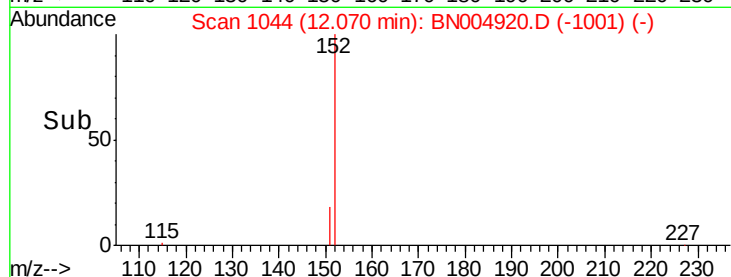
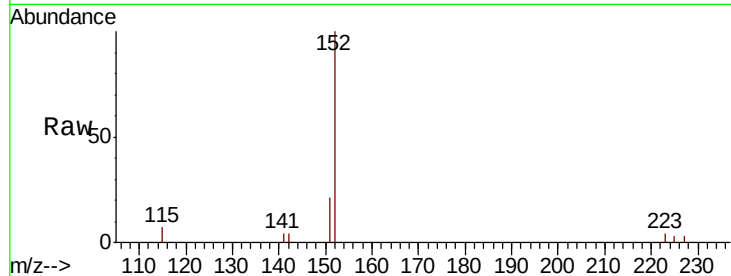




#11
 2-Methylnaphthalene-d10
 Concen: 0.287 ng
 RT: 12.07 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BN004920.D
 Acq: 23 Mar 2019 14:58

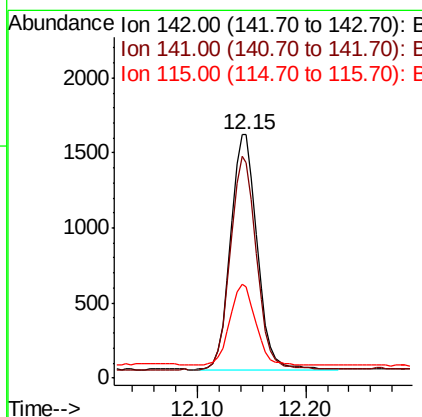
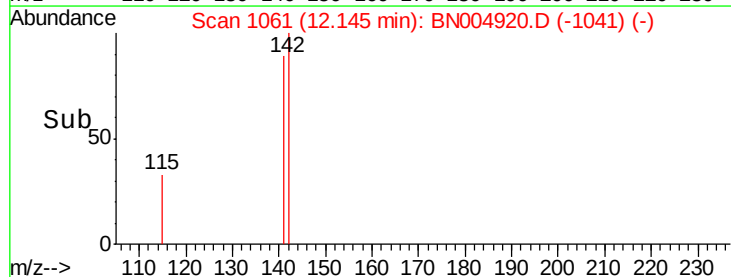
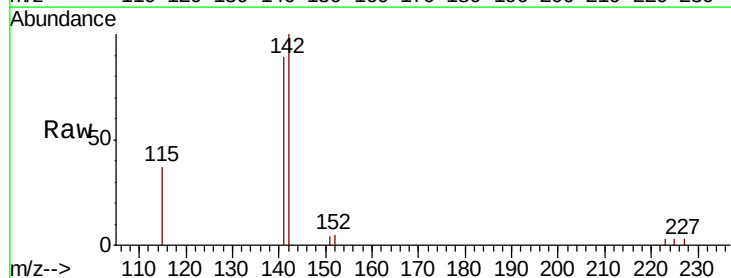
Instrument :
 BNA_N
 ClientSampleId :
 PB118204BS

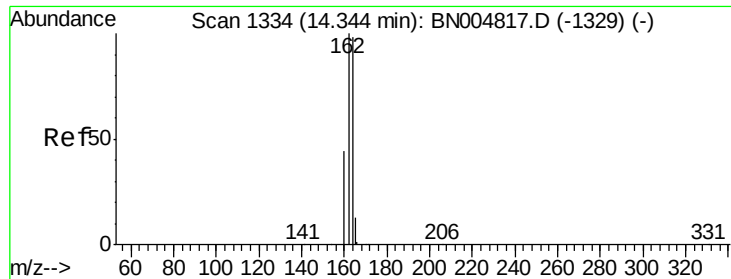
Tgt Ion:152 Resp: 2125
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.5 23.3



#12
 2-Methylnaphthalene
 Concen: 0.302 ng
 RT: 12.15 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BN004920.D
 Acq: 23 Mar 2019 14:58

Tgt Ion:142 Resp: 2677
 Ion Ratio Lower Upper
 142 100
 141 88.7 71.4 107.2
 115 37.2 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

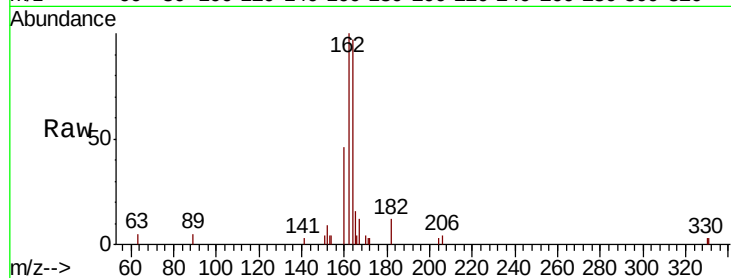
Tgt Ion:164 Resp: 2441

Ion Ratio Lower Upper

164 100

162 103.3 81.9 122.9

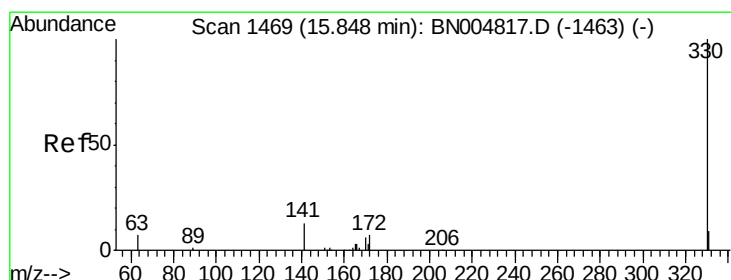
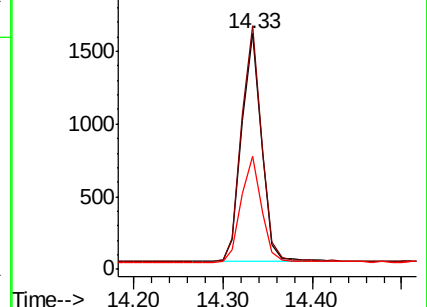
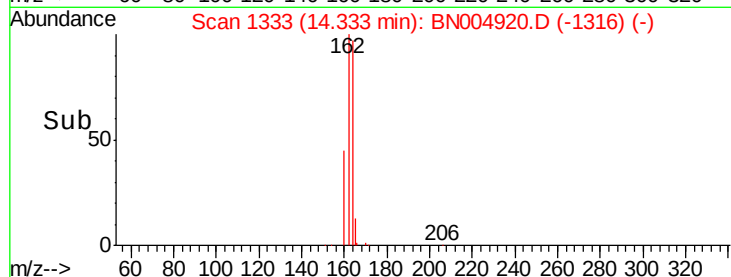
160 48.0 36.6 54.8



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: 0.316 ng

RT: 15.84 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

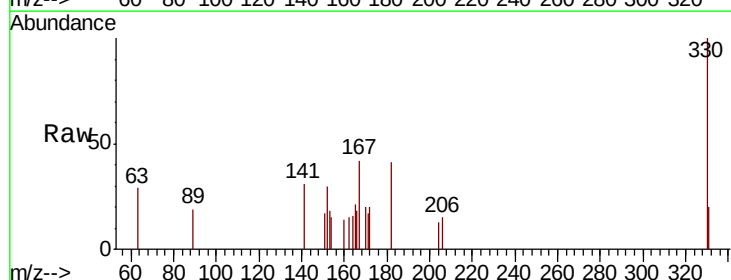
Tgt Ion:330 Resp: 533

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

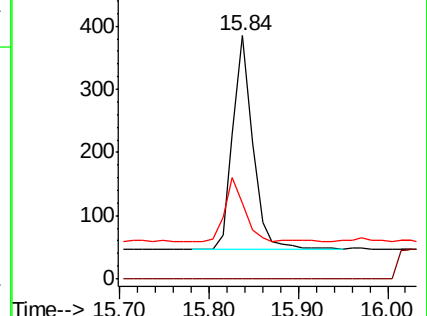
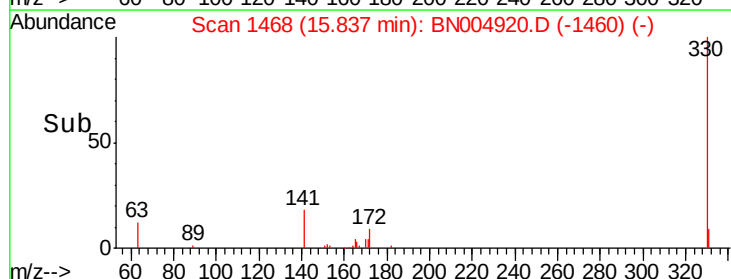
141 30.0 20.9 31.3

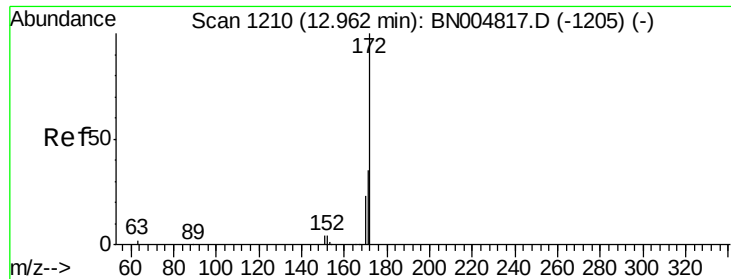


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

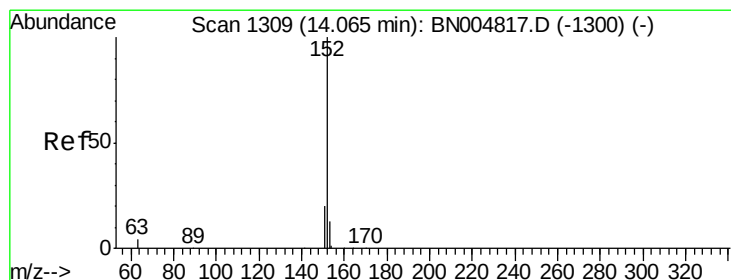
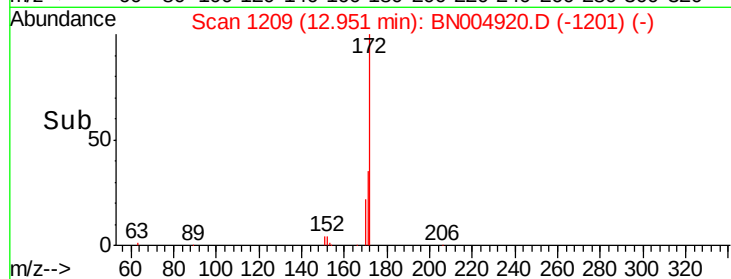
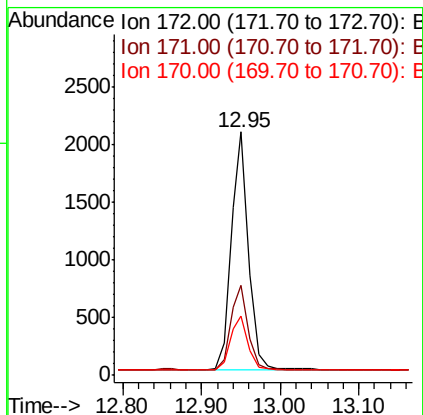
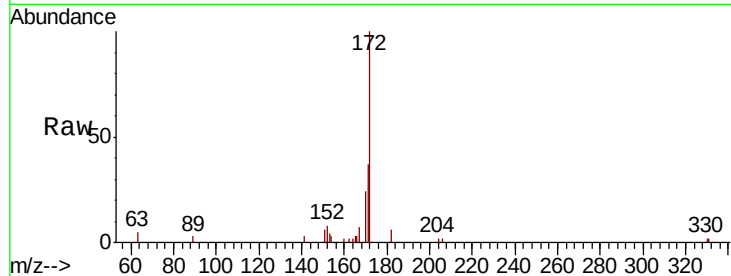




#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

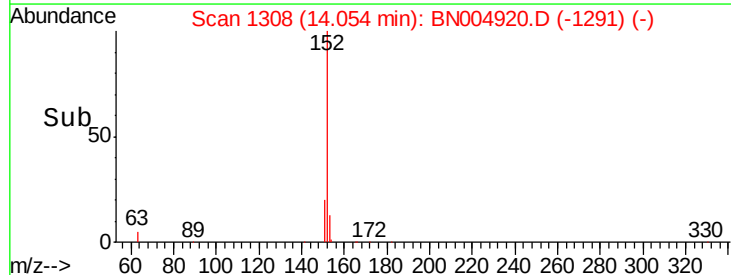
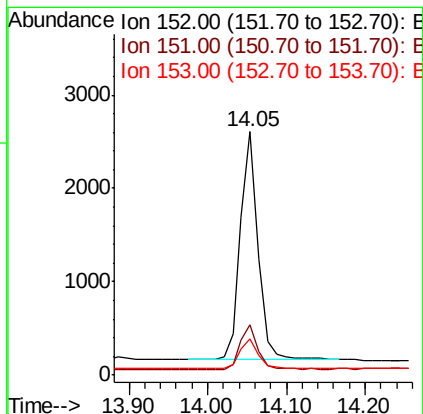
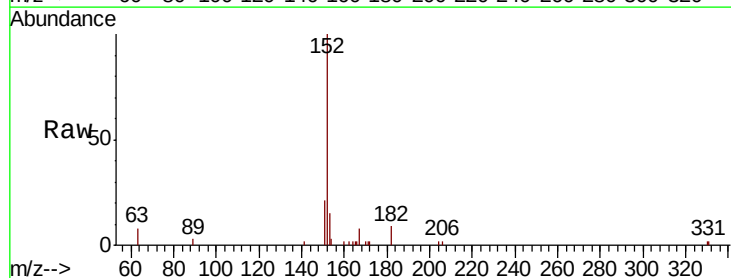
Instrument :
BNA_N
ClientSampled :
PB118204BS

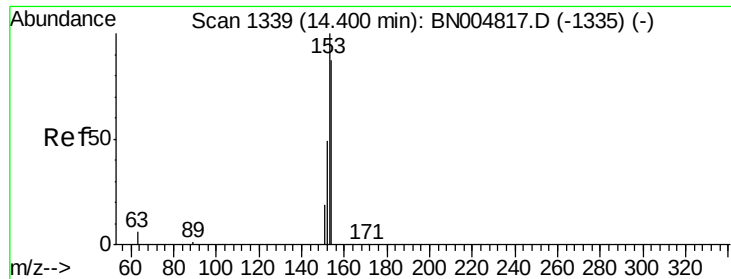
Tgt Ion:172 Resp: 3204
Ion Ratio Lower Upper
172 100
171 36.9 28.7 43.1
170 24.1 18.7 28.1



#16
Acenaphthylene
Concen: 0.305 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Tgt Ion:152 Resp: 3832
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.299 ng

RT: 14.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

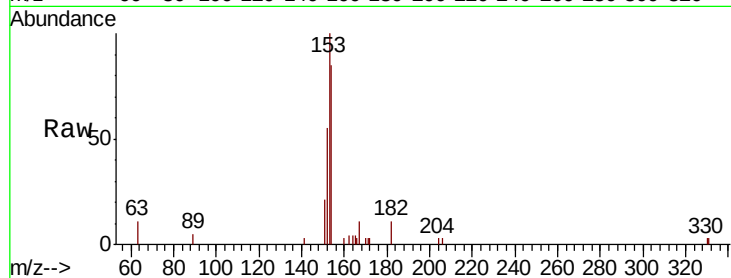
Tgt Ion:154 Resp: 2461

Ion Ratio Lower Upper

154 100

153 116.7 91.4 137.2

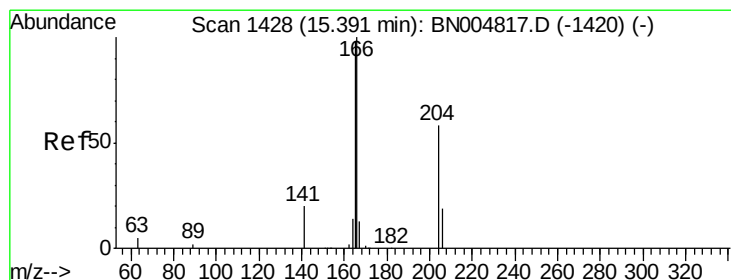
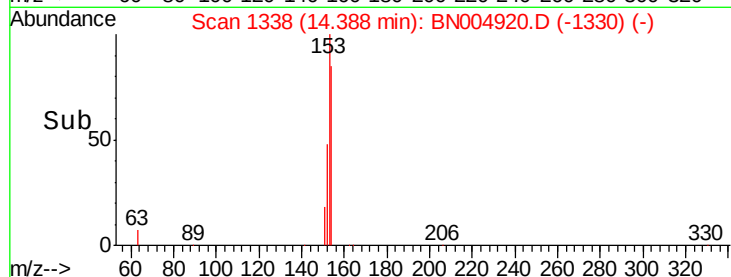
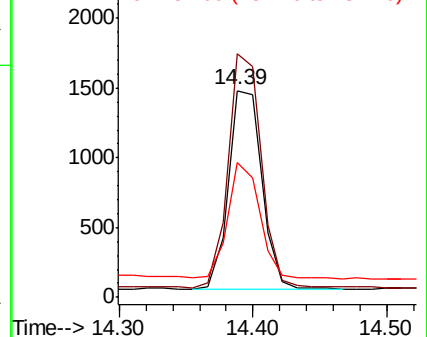
152 57.2 44.2 66.2



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: 0.289 ng

RT: 15.38 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

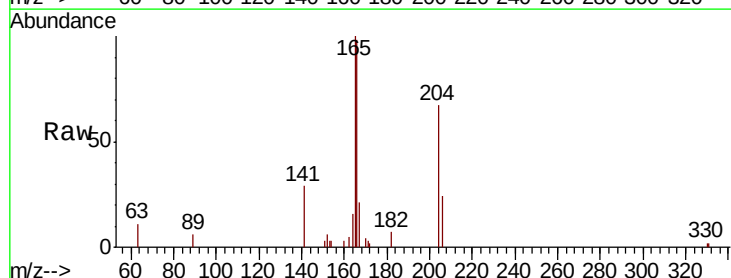
Tgt Ion:166 Resp: 3323

Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.4

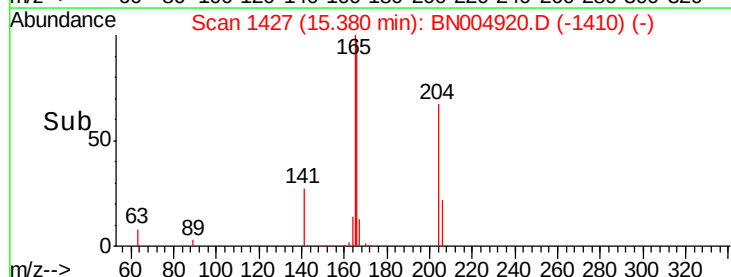
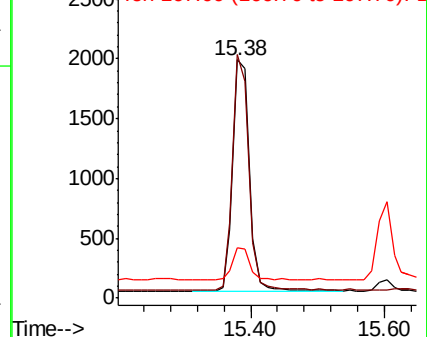
167 14.1 11.0 16.4

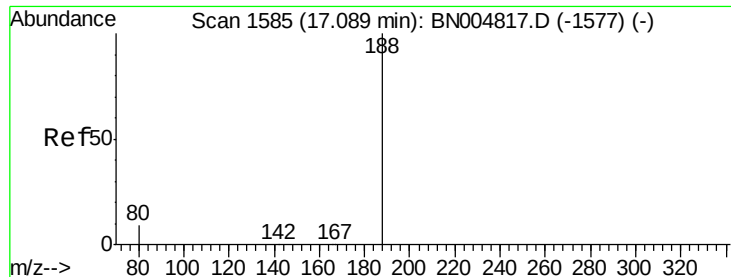


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.08 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

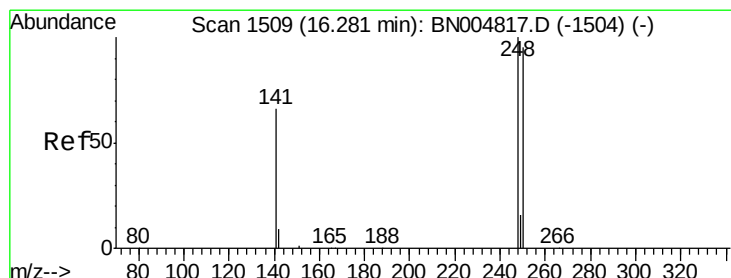
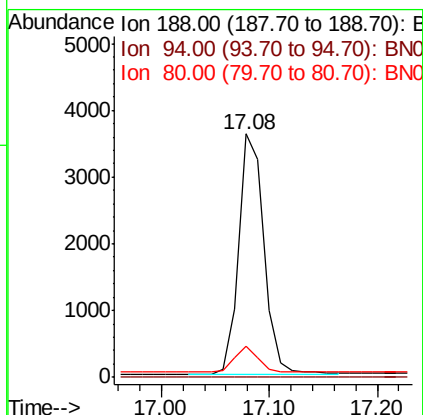
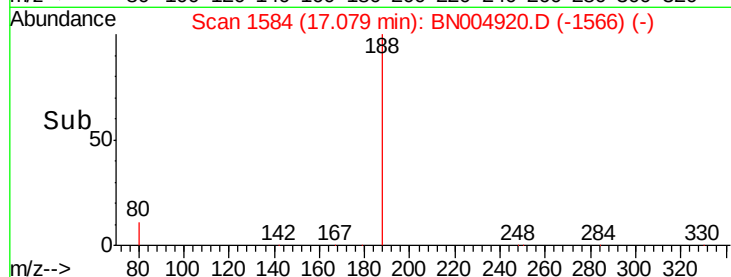
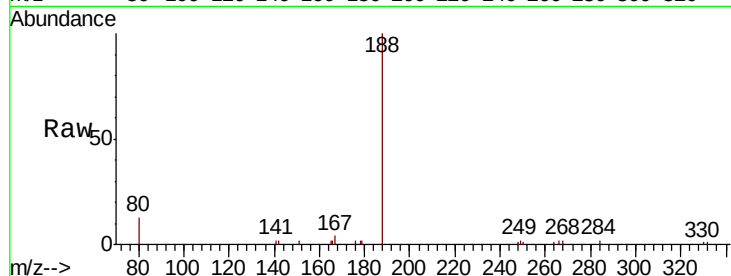
Tgt Ion:188 Resp: 5822

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.7 7.4 11.2#



#20

4-Bromophenyl-phenylether

Concen: 0.304 ng

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

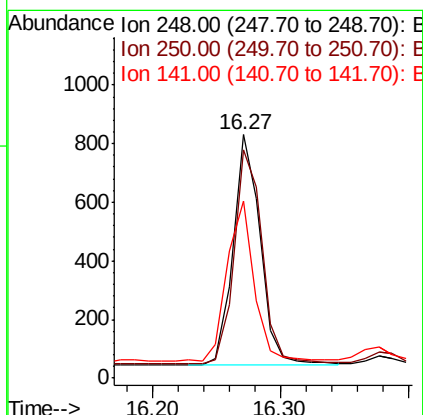
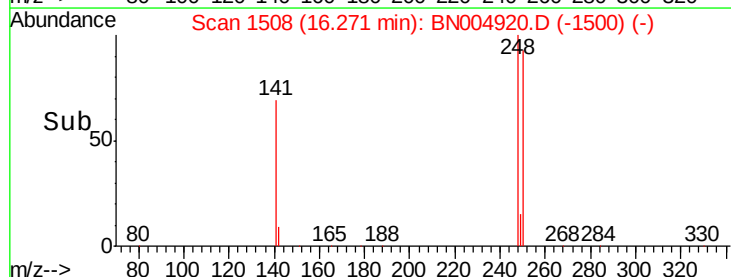
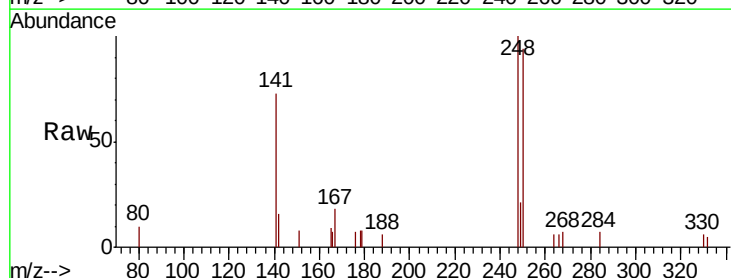
Tgt Ion:248 Resp: 1155

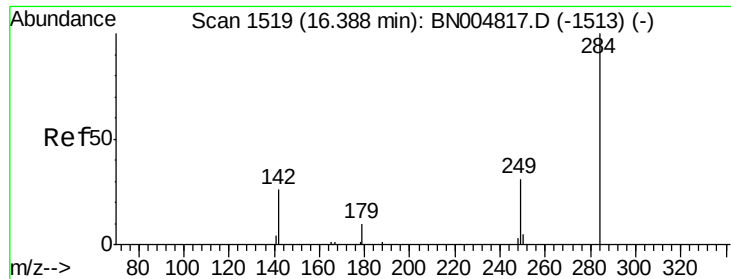
Ion Ratio Lower Upper

248 100

250 93.6 76.2 114.4

141 72.8 53.9 80.9





#21

Hexachlorobenzene

Concen: 0.277 ng

RT: 16.39 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

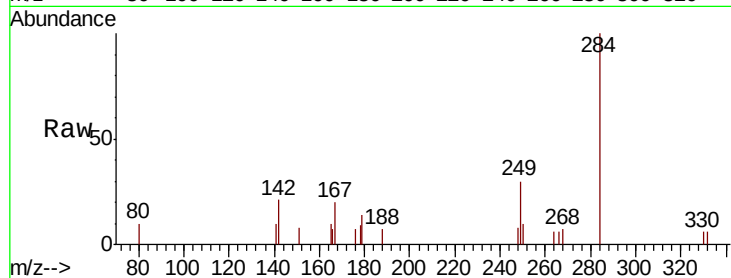
Tgt Ion:284 Resp: 1206

Ion Ratio Lower Upper

284 100

142 32.5 22.6 34.0

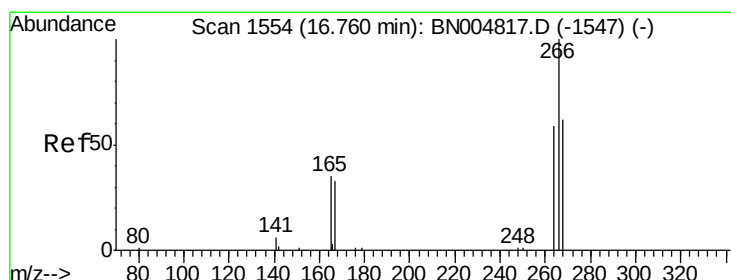
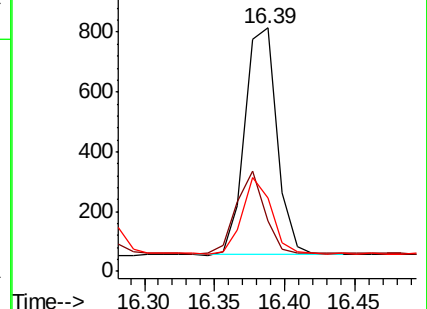
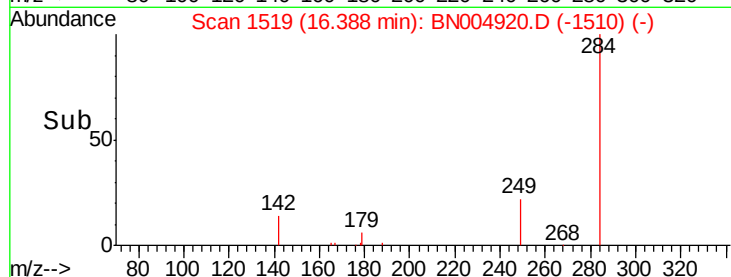
249 30.6 22.5 33.7



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: 0.774 ng

RT: 16.75 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

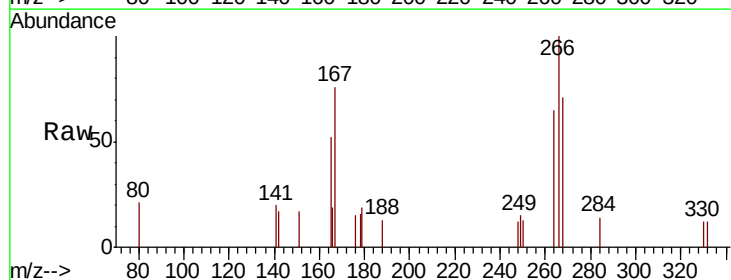
Tgt Ion:266 Resp: 659

Ion Ratio Lower Upper

266 100

264 64.8 53.1 79.7

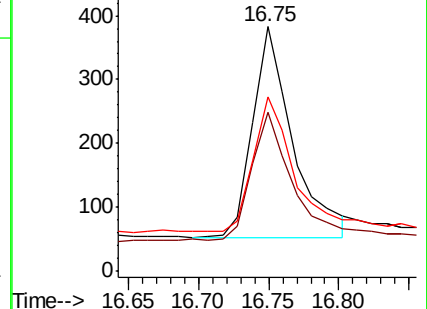
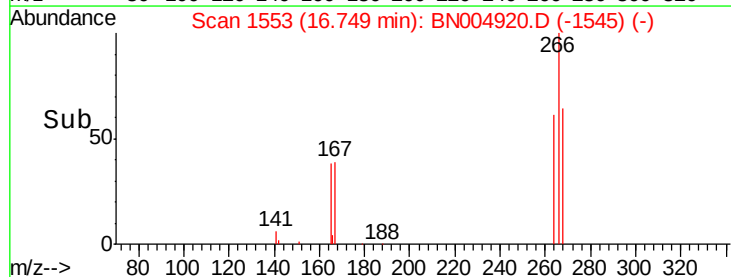
268 71.3 57.7 86.5

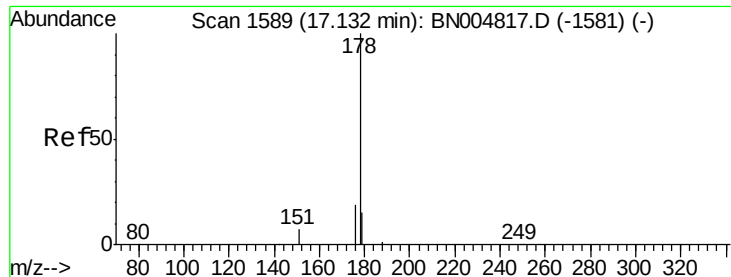


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.308 ng

RT: 17.12 min Scan# 1588

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

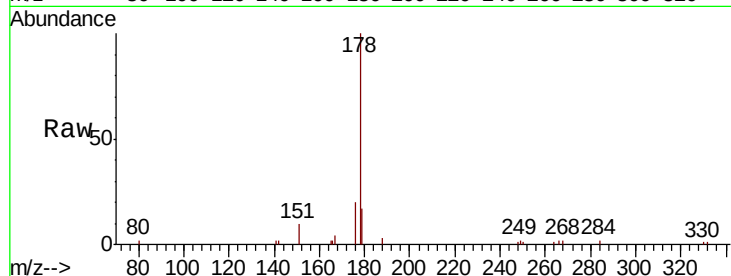
Tgt Ion:178 Resp: 5794

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

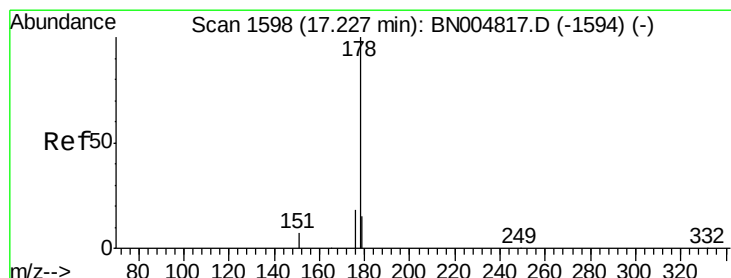
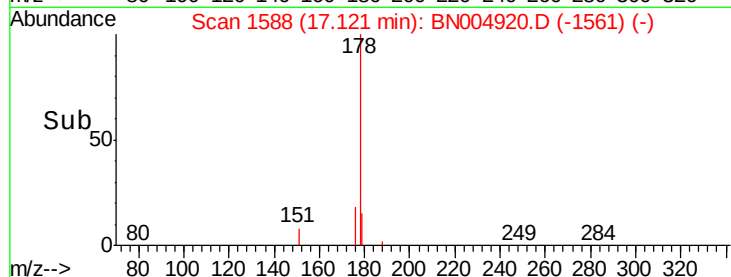
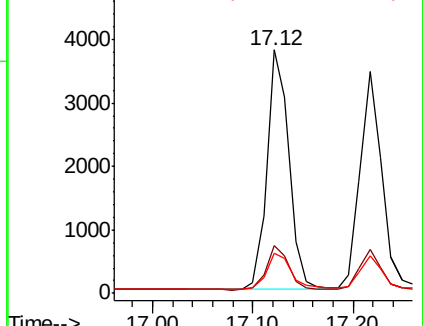
179 16.3 12.1 18.1



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: 0.315 ng

RT: 17.22 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

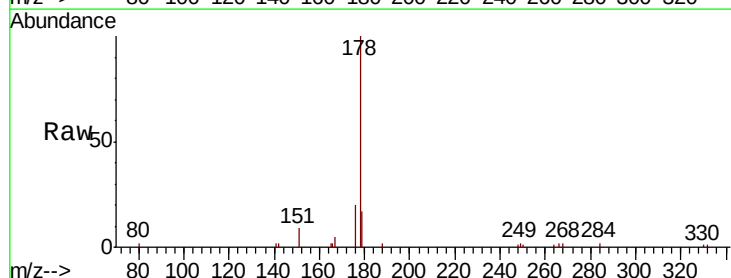
Tgt Ion:178 Resp: 5284

Ion Ratio Lower Upper

178 100

176 17.8 14.5 21.7

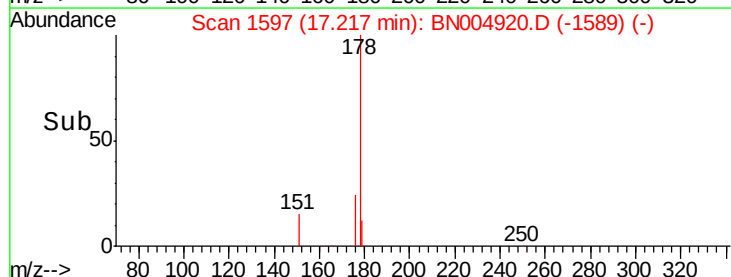
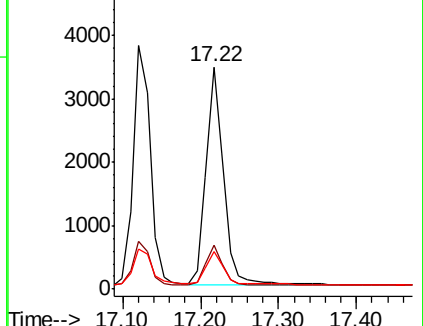
179 15.8 12.2 18.4

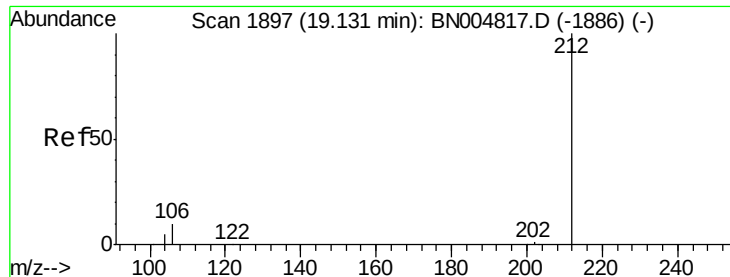


Abundance Ion 178.00 (177.70 to 178.70): E

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: 19.12 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

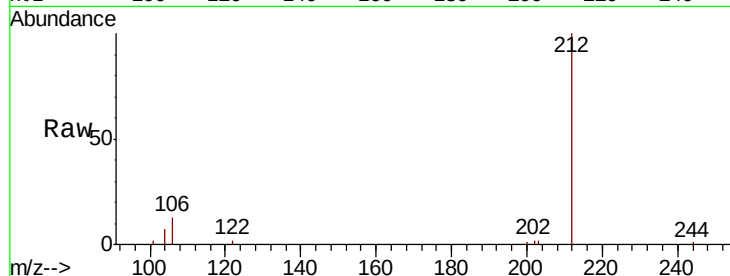
Tgt Ion:212 Resp: 6240

Ion Ratio Lower Upper

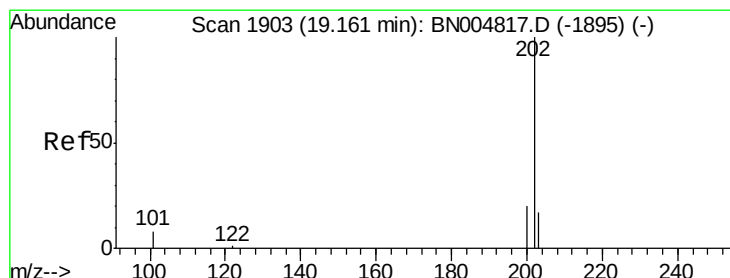
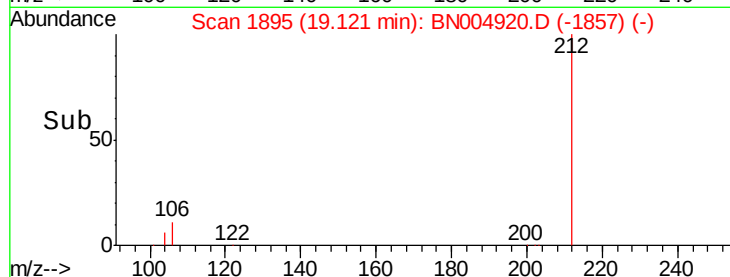
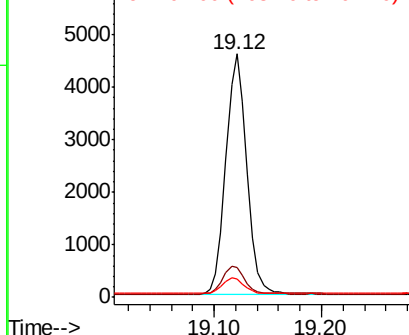
212 100

106 12.0 8.6 13.0

104 6.6 4.7 7.1



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: 0.308 ng

RT: 19.15 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

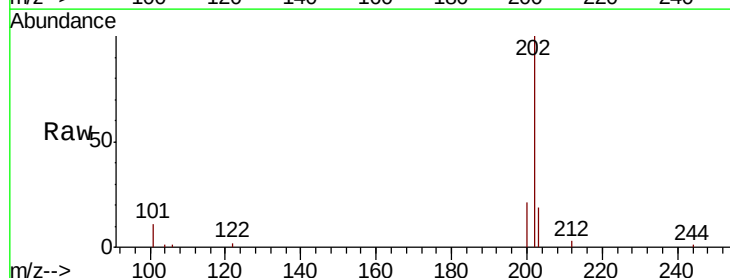
Tgt Ion:202 Resp: 7441

Ion Ratio Lower Upper

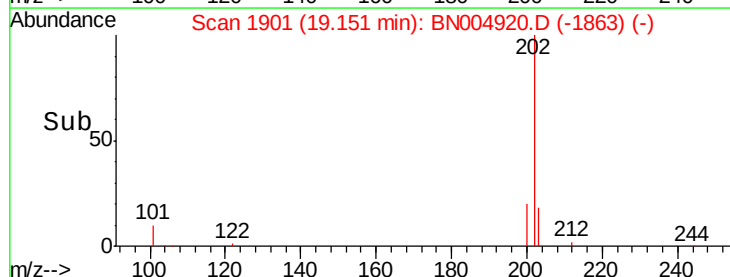
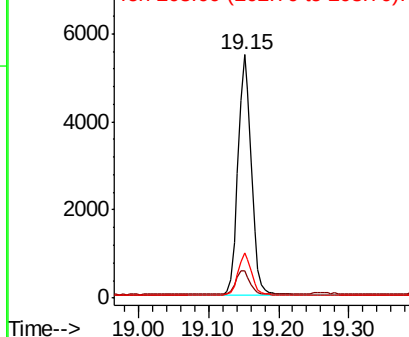
202 100

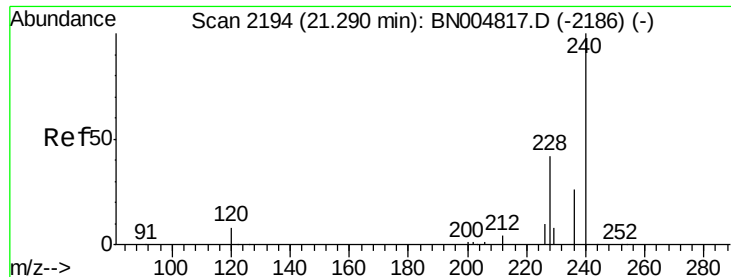
101 10.6 7.5 11.3

203 17.2 13.8 20.6



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: 21.28 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

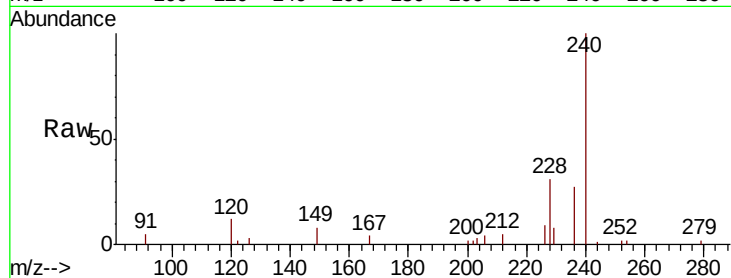
Tgt Ion:240 Resp: 8083

Ion Ratio Lower Upper

240 100

120 11.8 7.2 10.8#

236 27.4 20.9 31.3

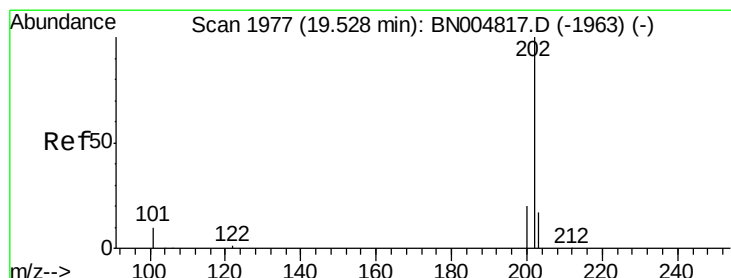
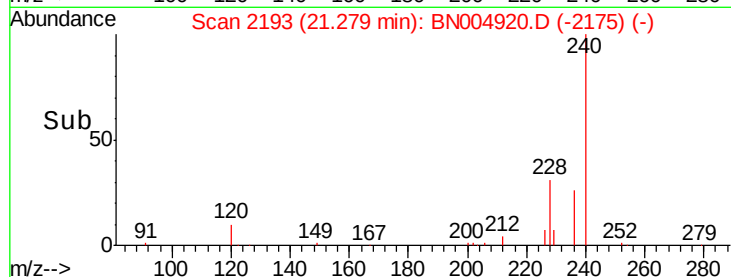
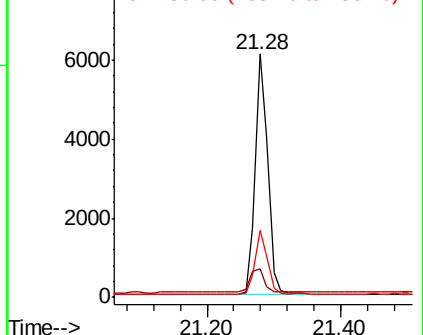


Abundance

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: 0.314 ng

RT: 19.52 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

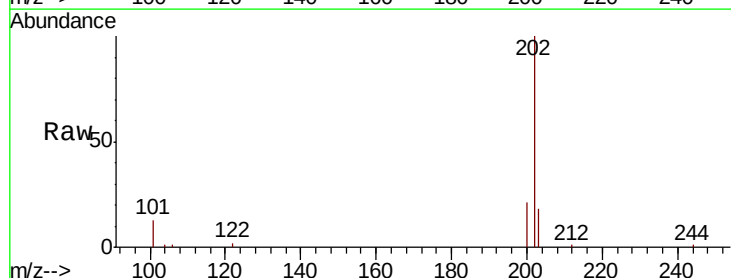
Tgt Ion:202 Resp: 7737

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

203 18.0 14.0 21.0

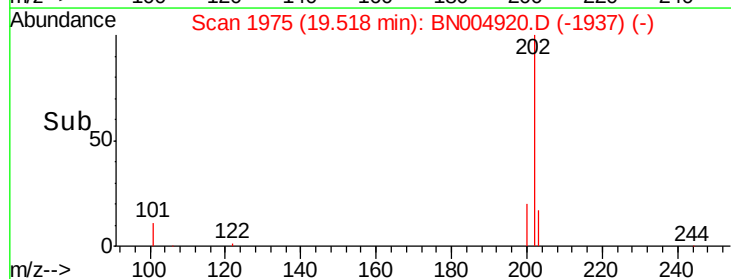
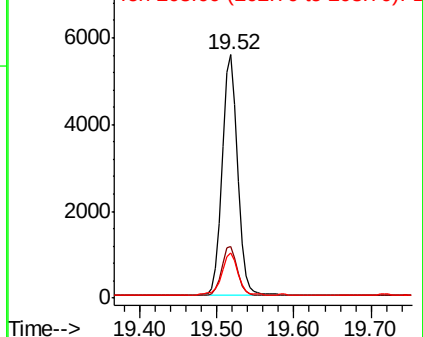


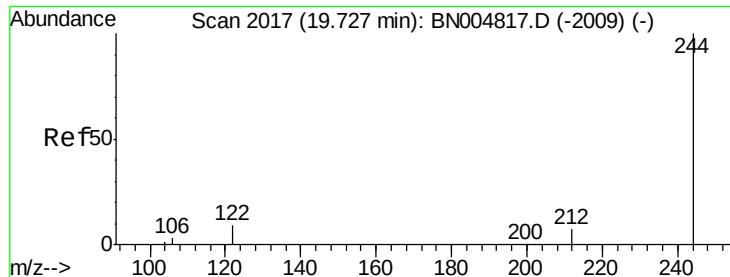
Abundance

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: 0.311 ng

RT: 19.72 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

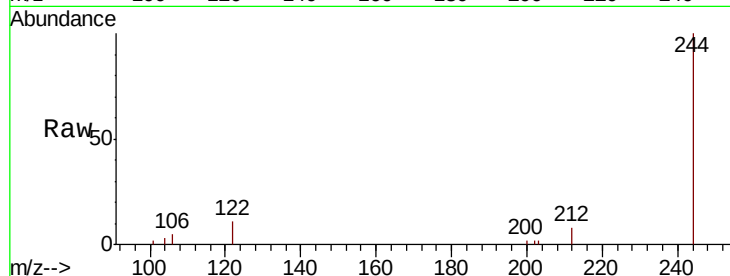
Tgt Ion:244 Resp: 5142

Ion Ratio Lower Upper

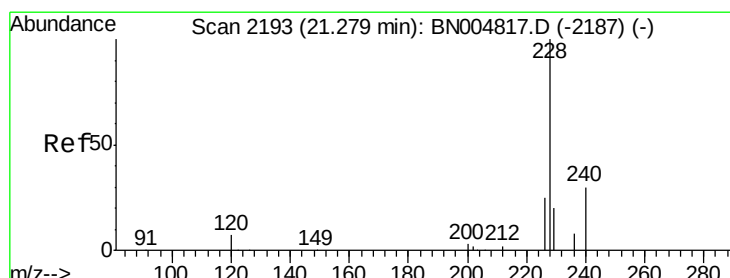
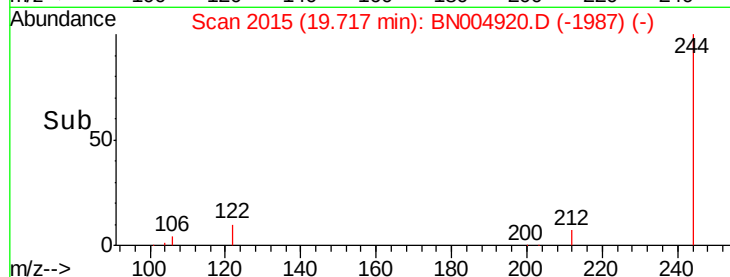
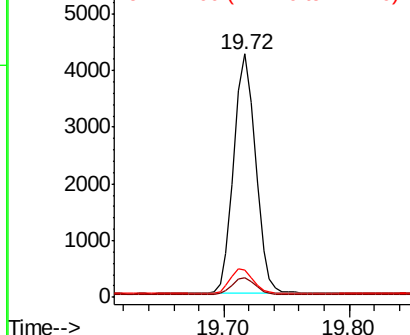
244 100

212 8.1 5.8 8.6

122 11.3 7.9 11.9



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: 0.330 ng

RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

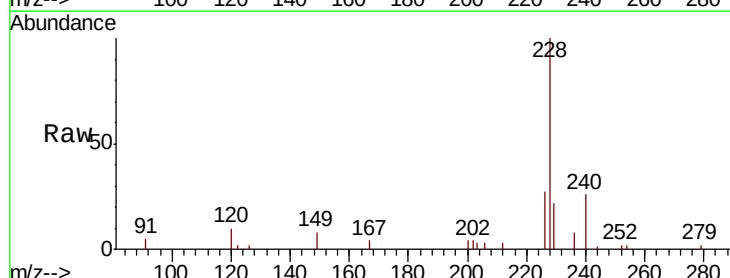
Tgt Ion:228 Resp: 8749

Ion Ratio Lower Upper

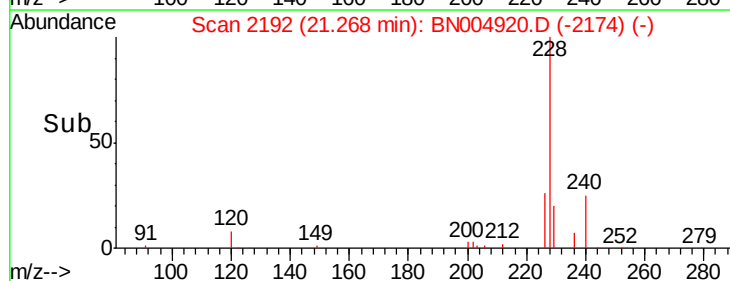
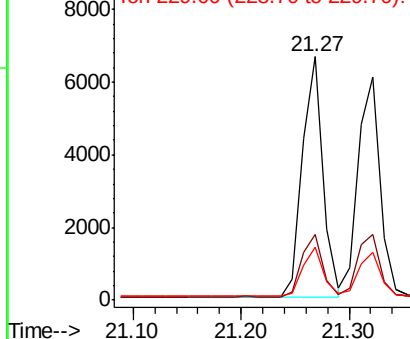
228 100

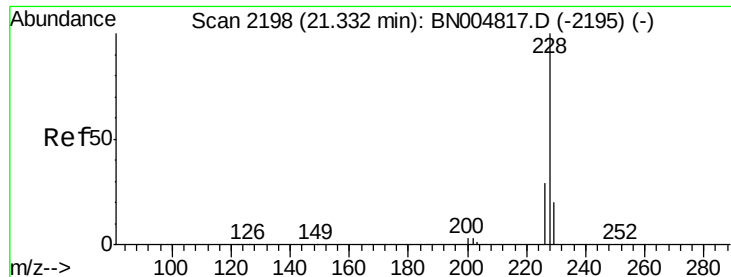
226 26.8 20.6 31.0

229 21.7 16.2 24.4



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: 0.309 ng

RT: 21.32 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

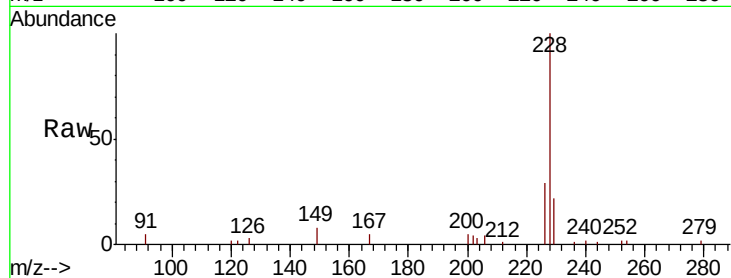
Tgt Ion:228 Resp: 8640

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.6

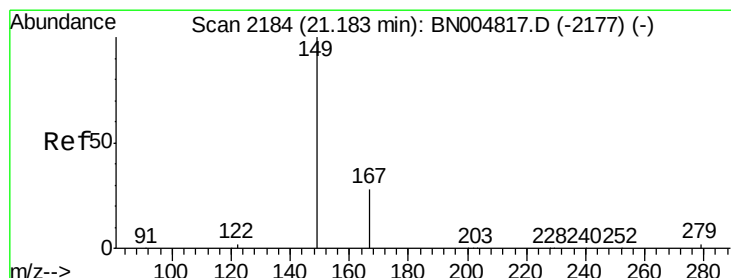
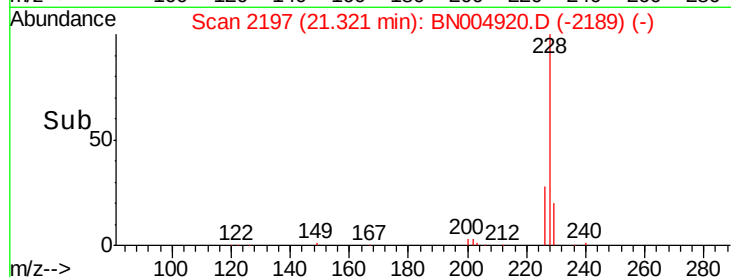
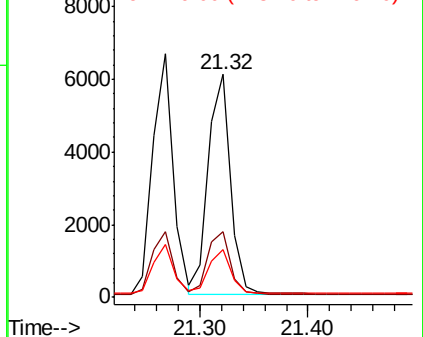
229 21.6 16.2 24.2



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: 0.438 ng

RT: 21.17 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

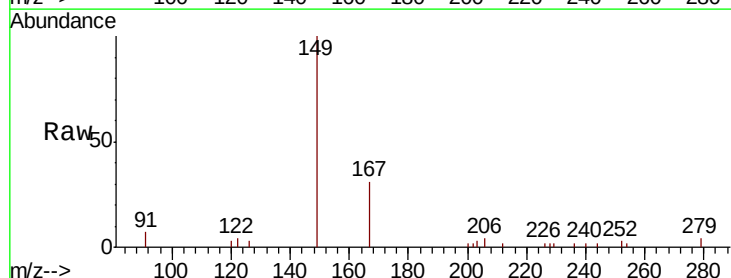
Tgt Ion:149 Resp: 4640

Ion Ratio Lower Upper

149 100

167 26.8 23.0 34.4

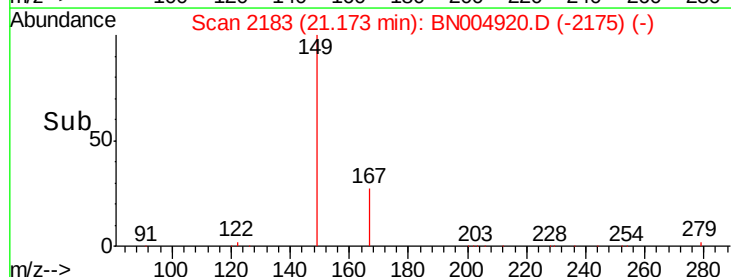
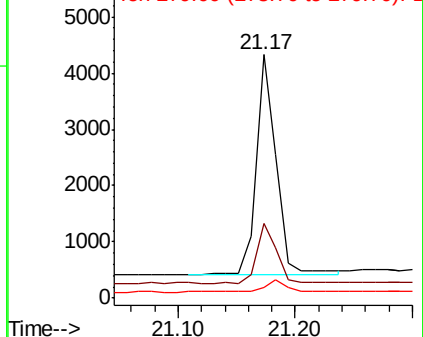
279 5.3 4.6 6.8

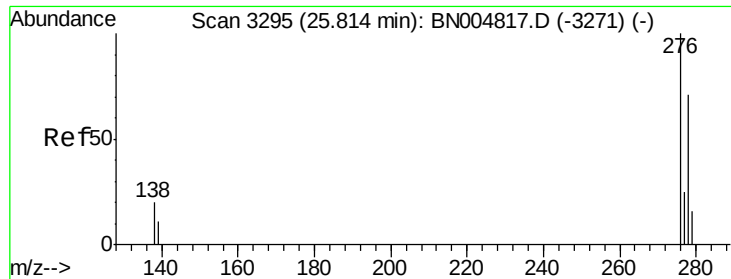


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.366 ng

RT: 25.80 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

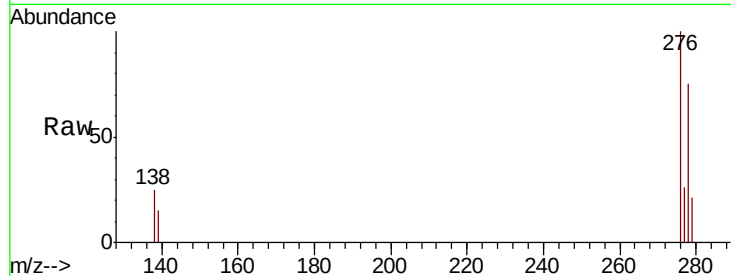
Tgt Ion:276 Resp: 14768

Ion Ratio Lower Upper

276 100

138 23.0 16.6 24.8

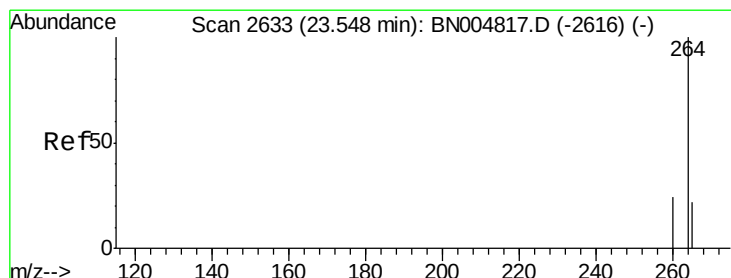
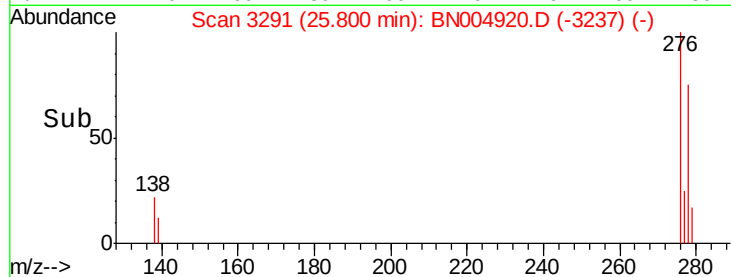
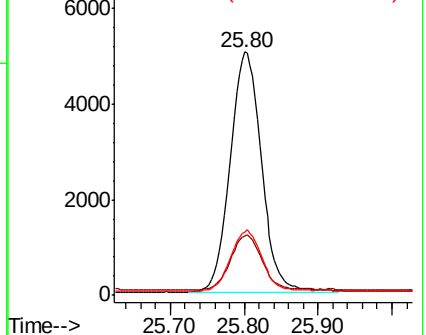
277 25.4 20.3 30.5



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: 23.53 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

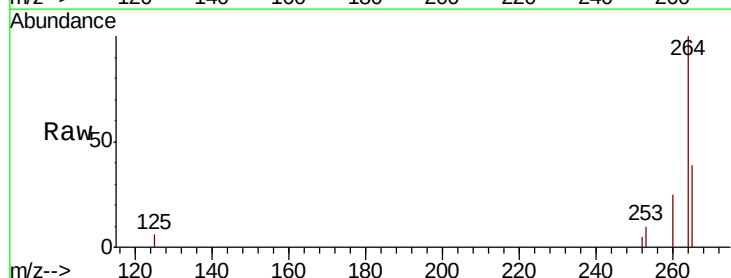
Tgt Ion:264 Resp: 9888

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

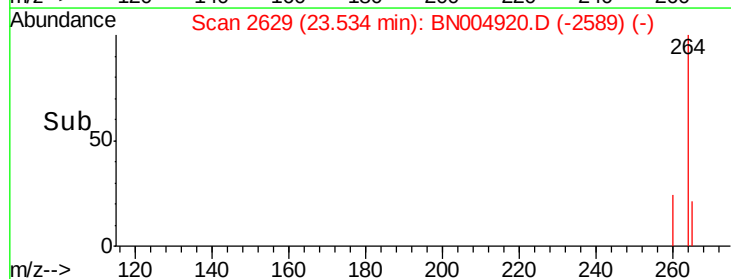
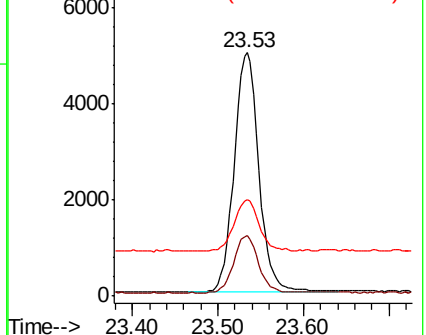
265 39.5 23.1 34.7#

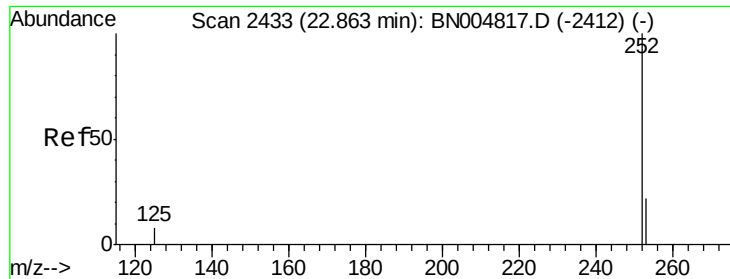


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.290 ng

RT: 22.85 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS

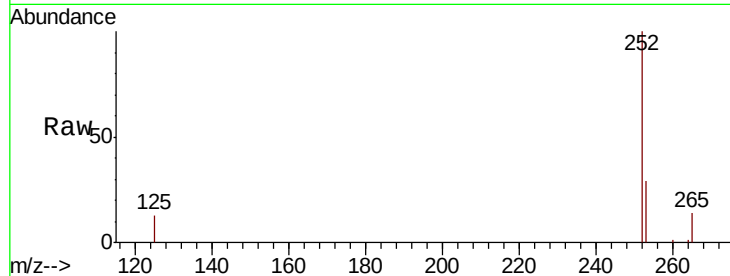
Tgt Ion:252 Resp: 10378

Ion Ratio Lower Upper

252 100

253 28.6 19.0 28.4#

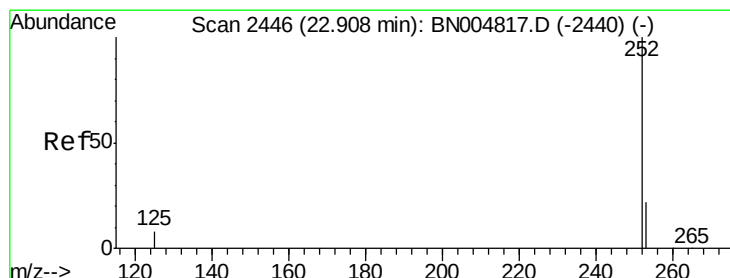
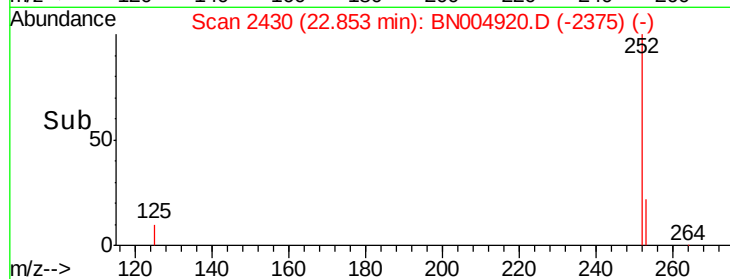
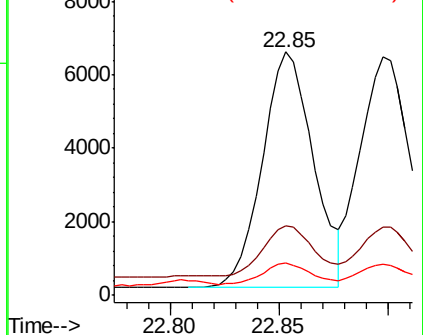
125 13.3 7.4 11.2#



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: 0.292 ng

RT: 22.90 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BN004920.D

Acq: 23 Mar 2019 14:58

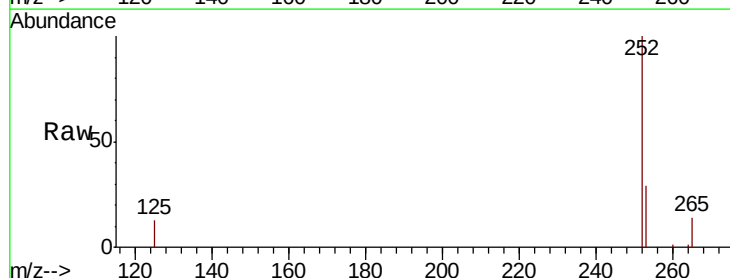
Tgt Ion:252 Resp: 10284

Ion Ratio Lower Upper

252 100

253 28.7 19.3 28.9

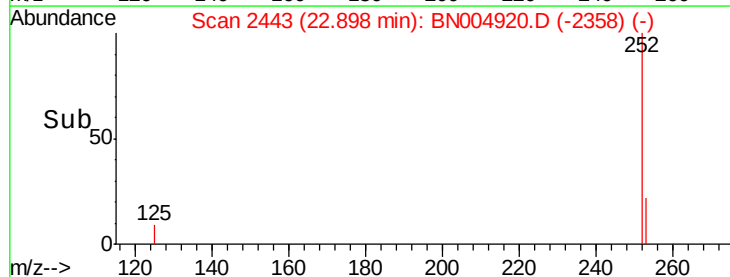
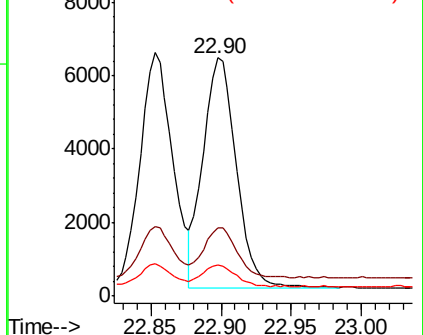
125 13.0 7.4 11.0#

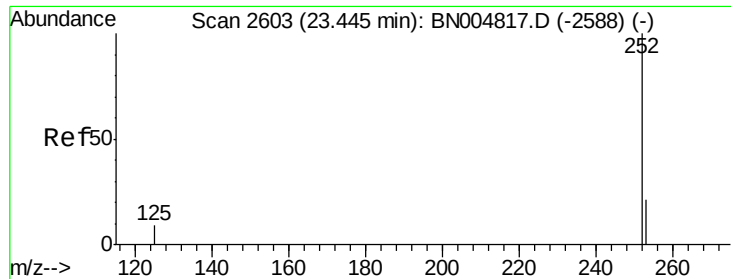


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

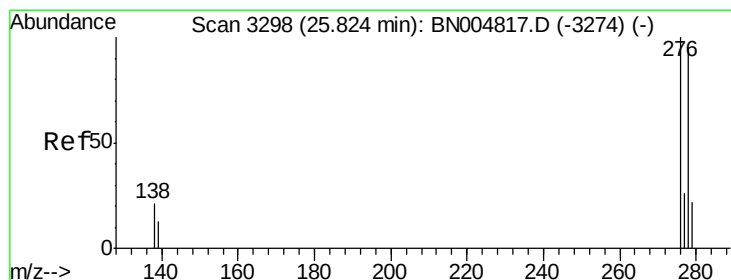
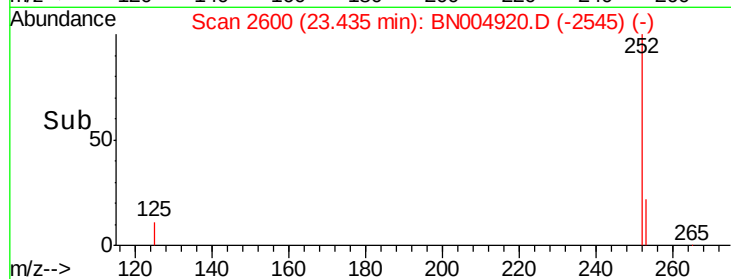
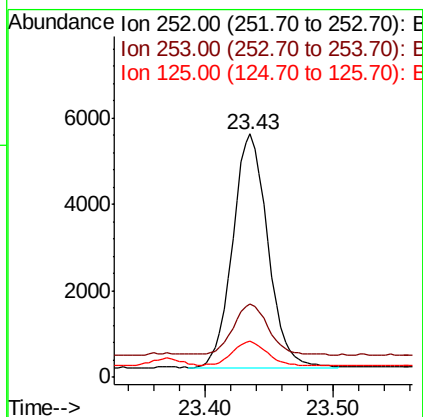
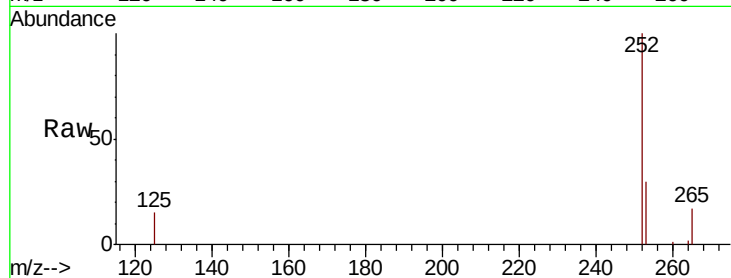




#37
Benzo(a)pyrene
Concen: 0.314 ng
RT: 23.43 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

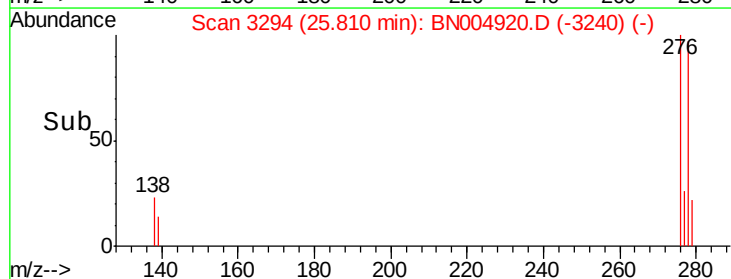
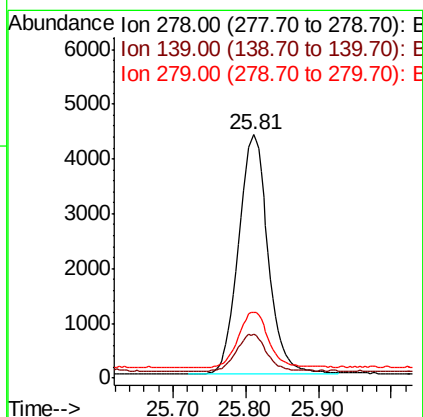
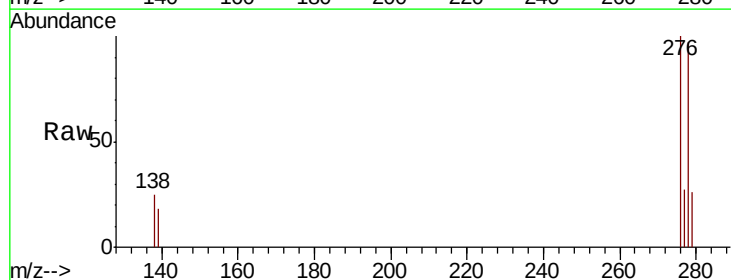
Instrument :
BNA_N
ClientSampleId :
PB118204BS

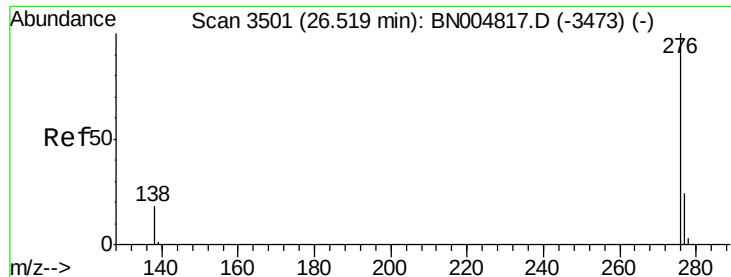
Tgt Ion: 252 Resp: 10307
Ion Ratio Lower Upper
252 100
253 30.0 19.7 29.5#
125 14.9 8.3 12.5#



#38
Dibenzo(a,h)anthracene
Concen: 0.326 ng
RT: 25.81 min Scan# 3294
Delta R.T. -0.01 min
Lab File: BN004920.D
Acq: 23 Mar 2019 14:58

Tgt Ion: 278 Resp: 12392
Ion Ratio Lower Upper
278 100
139 18.1 11.7 17.5#
279 27.2 19.9 29.9





#39

Benzo(g,h,i)perylene

Concen: 0.334 ng

RT: 26.50 min Scan# 3496

Delta R.T. -0.02 min

Lab File: BN004920.D

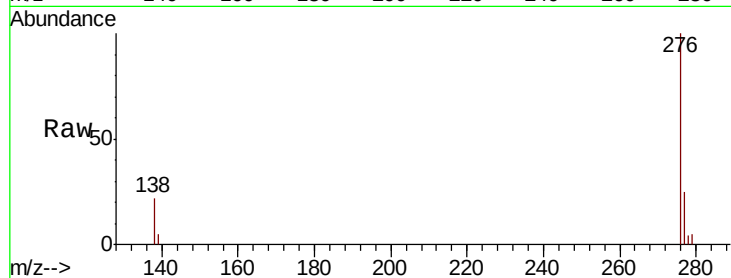
Acq: 23 Mar 2019 14:58

Instrument :

BNA_N

ClientSampleId :

PB118204BS



Tgt Ion: 276 Resp: 12920

Ion Ratio Lower Upper

276 100

277 25.3 19.7 29.5

138 21.9 14.6 22.0

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

