

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
 Data File : BN009802.D
 Acq On : 21 Feb 2020 05:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 21 06:52:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1686	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	5829	0.40	ng	-0.03
13) Acenaphthene-d10	14.03	164	3360	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	6958	0.40	ng	-0.02
27) Chrysene-d12	21.02	240	6992	0.40	ng	-0.02
34) Perylene-d12	23.12	264	7093	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	1734	0.46	ng	-0.02
5) Phenol-d6	6.62	99	2059	0.45	ng	-0.02
8) Nitrobenzene-d5	8.55	82	1975	0.41	ng	-0.04
11) 2-Methylnaphthalene-d10	11.75	152	4270	0.38	ng	-0.03
14) 2,4,6-Tribromophenol	15.56	330	585	0.45	ng	-0.02
15) 2-Fluorobiphenyl	12.65	172	5137	0.41	ng	-0.03
25) Fluoranthene-d10	18.84	212	9019	0.37	ng	-0.02
29) Terphenyl-d14	19.46	244	8708	0.52	ng	-0.02

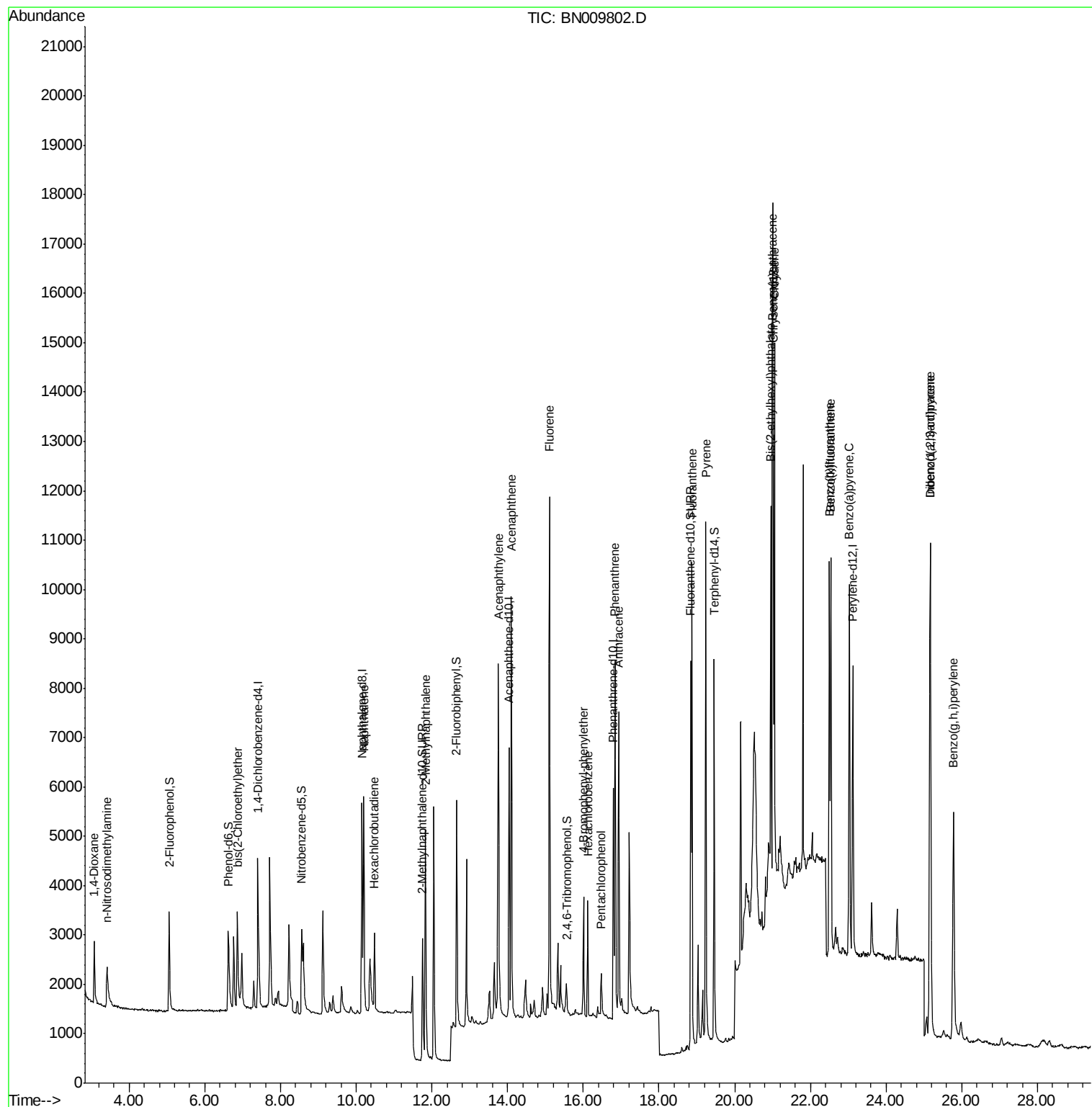
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	662	0.383	ng	98
3) n-Nitrosodimethylamine	3.41	42	1083	0.382	ng	# 77
6) bis(2-Chloroethyl)ether	6.86	93	1714	0.386	ng	89
9) Naphthalene	10.20	128	6218	0.391	ng	96
10) Hexachlorobutadiene	10.48	225	1327	0.379	ng	# 96
12) 2-Methylnaphthalene	11.83	142	4227	0.388	ng	97
16) Acenaphthylene	13.76	152	10747	0.750	ng	98
17) Acenaphthene	14.10	154	4561	0.453	ng	99
18) Fluorene	15.10	166	5250	0.395	ng	95
20) 4-Bromophenyl-phenylether	16.01	248	1069	0.158	ng	# 85
21) Hexachlorobenzene	16.11	284	1784	0.412	ng	94
22) Pentachlorophenol	16.48	266	570	0.571	ng	88
23) Phenanthrene	16.84	178	7885	0.381	ng	99
24) Anthracene	16.93	178	7427	0.424	ng	97
26) Fluoranthene	18.87	202	9515	0.384	ng	99
28) Pyrene	19.24	202	10383	0.391	ng	98
30) Benzo(a)anthracene	20.99	228	9749	0.420	ng	# 93
31) Chrysene	21.05	228	9402	0.350	ng	96
32) Bis(2-ethylhexyl)phthalate	20.95	149	6930	0.612	ng	91
33) Indeno(1,2,3-cd)pyrene	25.16	276	10318	0.369	ng	97
35) Benzo(b)fluoranthene	22.50	252	9535	0.368	ng	96
36) Benzo(k)fluoranthene	22.54	252	9669	0.342	ng	98
37) Benzo(a)pyrene	23.03	252	9247	0.391	ng	# 93
38) Dibenzo(a,h)anthracene	25.17	278	8112	0.348	ng	97
39) Benzo(g,h,i)perylene	25.78	276	9207	0.371	ng	96

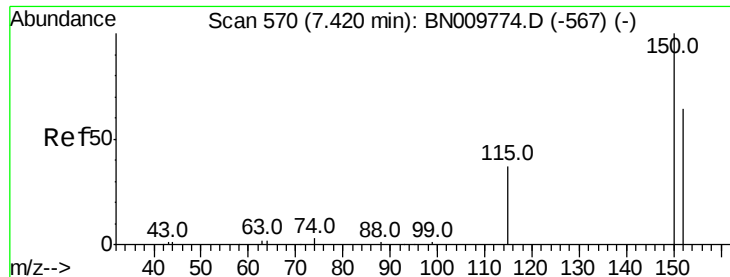
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 568

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

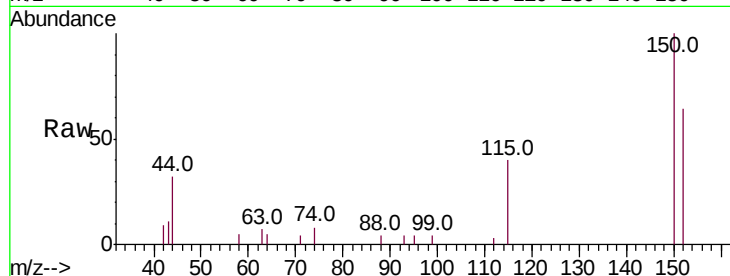
Tot Ion:152 Resp: 1686

Ion Ratio Lower Upper

152 100

150 156.1 120.6 181.0

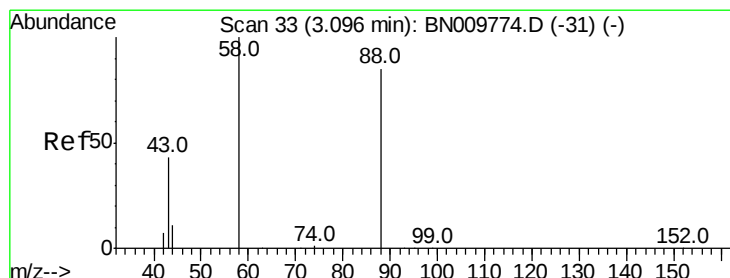
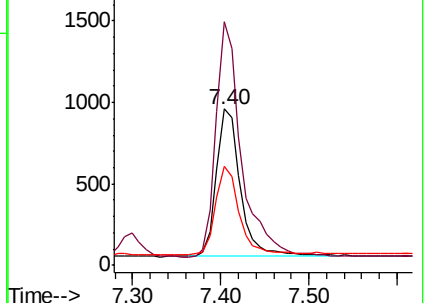
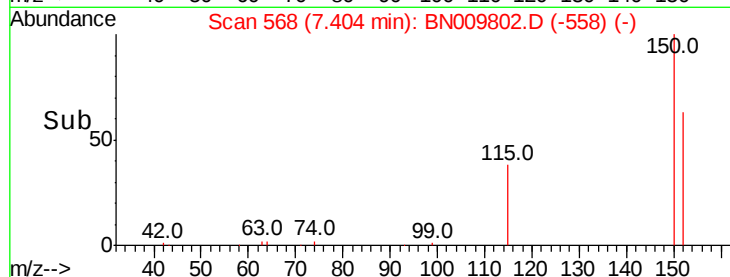
115 63.0 51.2 76.8



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: 0.383 ng

RT: 3.08 min Scan# 31

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

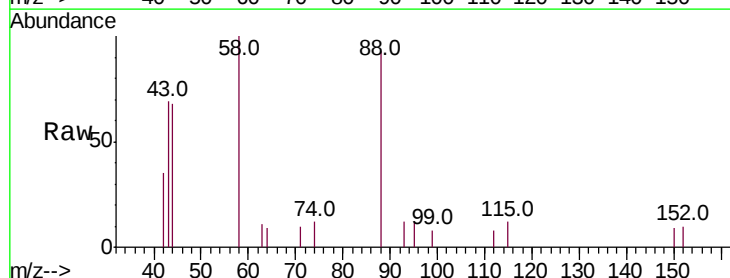
Tgt Ion: 88 Resp: 662

Ion Ratio Lower Upper

88 100

58 122.4 97.8 146.8

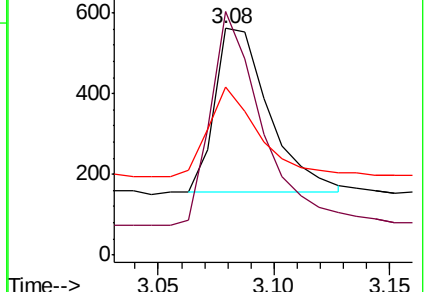
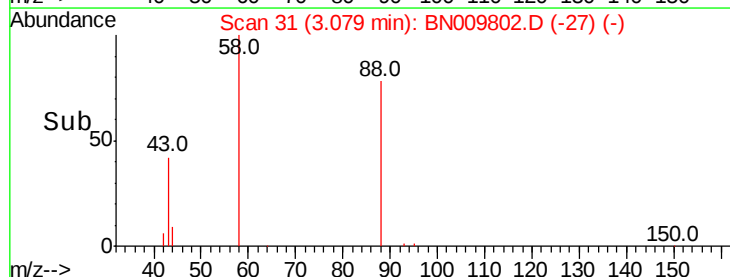
43 51.5 45.1 67.7

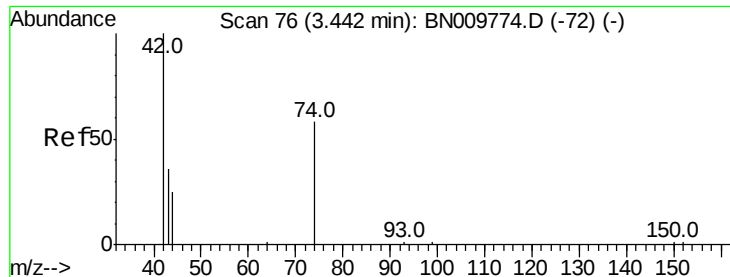


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.382 ng

RT: 3.41 min Scan# 72

Delta R.T. -0.03 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampled :

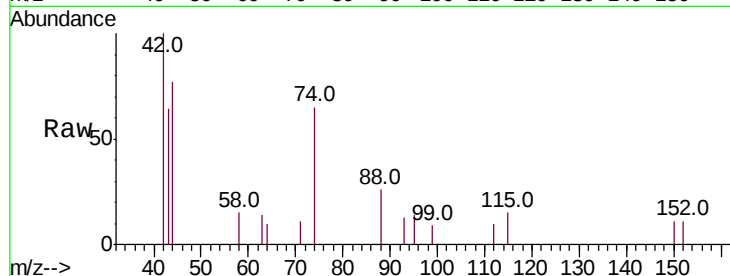
Tot Ion: 42 Resp: 1083

Ion Ratio Lower Upper

42 100

74 82.7 51.2 76.8#

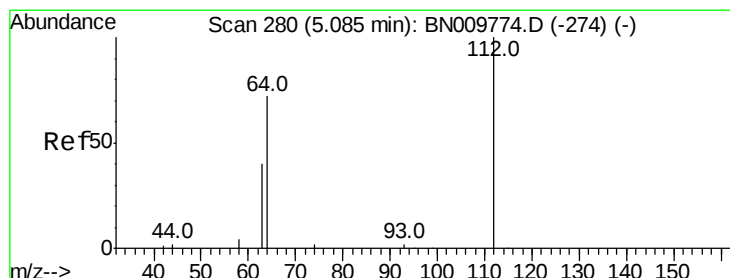
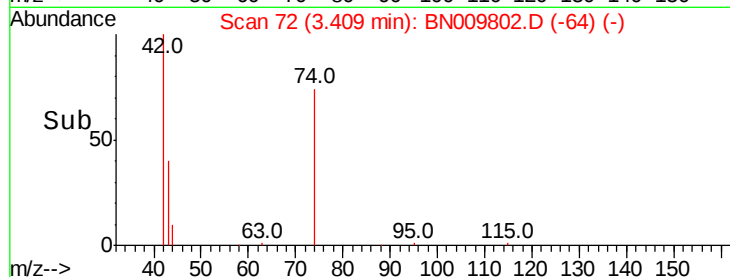
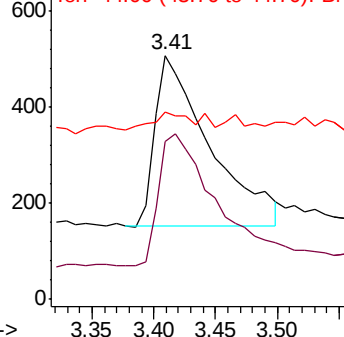
44 6.6 2.6 4.0#



Abundance Ion 42.00 (41.70 to 42.70): BNC

Ion 74.00 (73.70 to 74.70): BNC

Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.463 ng

RT: 5.06 min Scan# 277

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

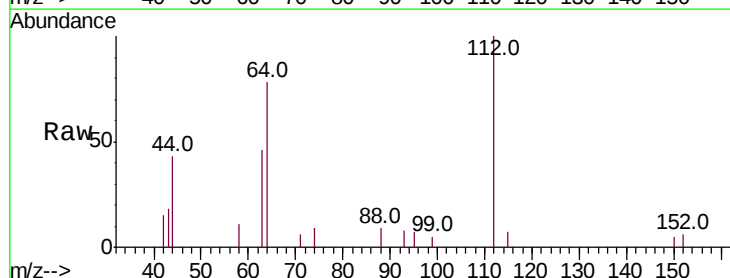
Tgt Ion: 112 Resp: 1734

Ion Ratio Lower Upper

112 100

64 75.3 65.8 98.6

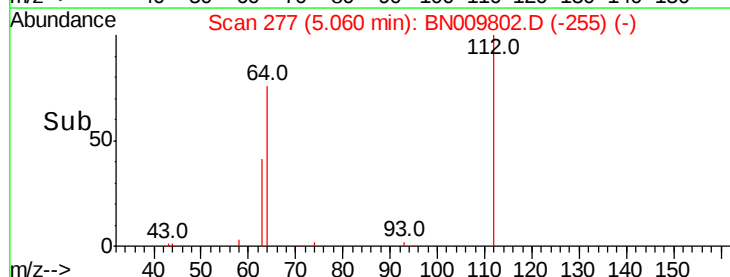
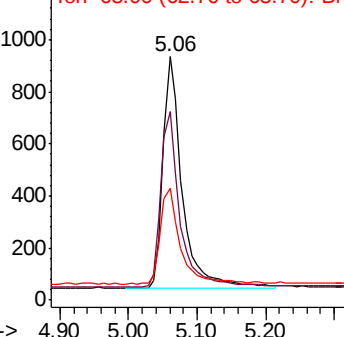
63 44.5 38.7 58.1

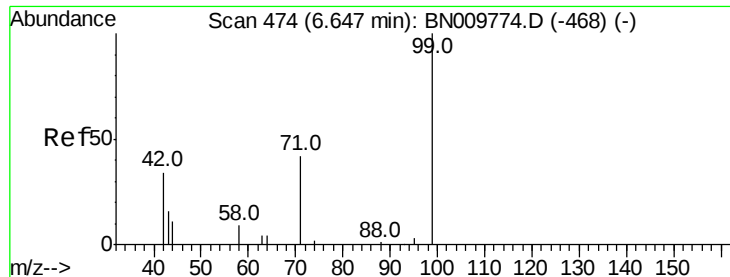


Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.451 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampled :

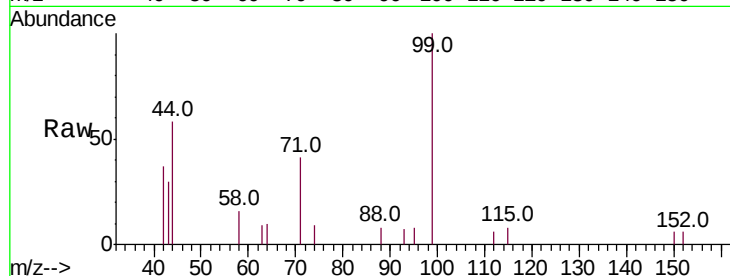
Tot Ion: 99 Resp: 2059

Ion Ratio Lower Upper

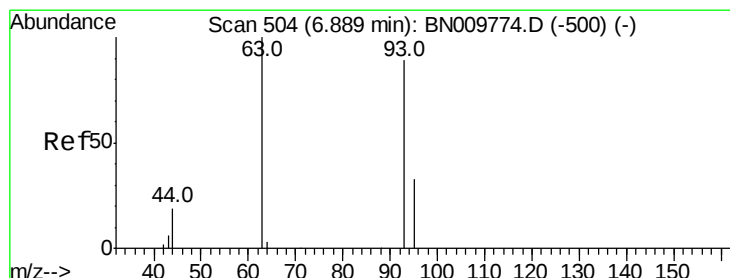
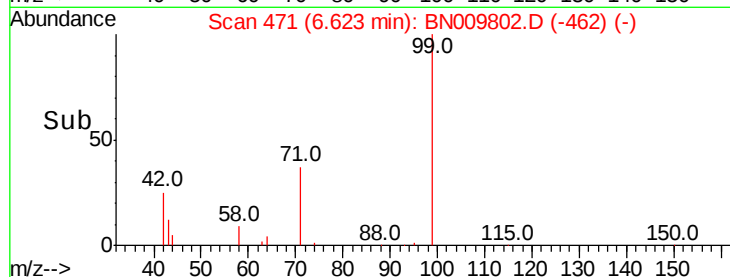
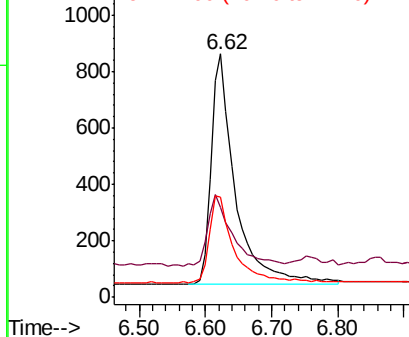
99 100

42 31.7 30.8 46.2

71 39.0 34.9 52.3



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: 0.386 ng

RT: 6.86 min Scan# 501

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

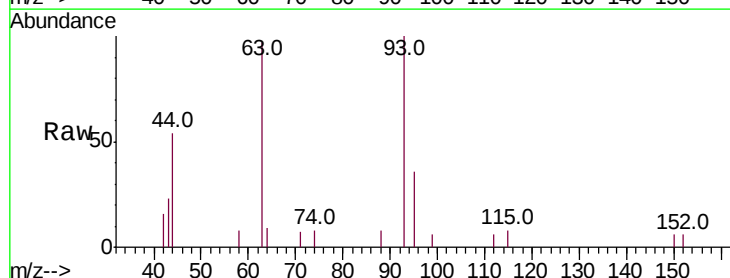
Tgt Ion: 93 Resp: 1714

Ion Ratio Lower Upper

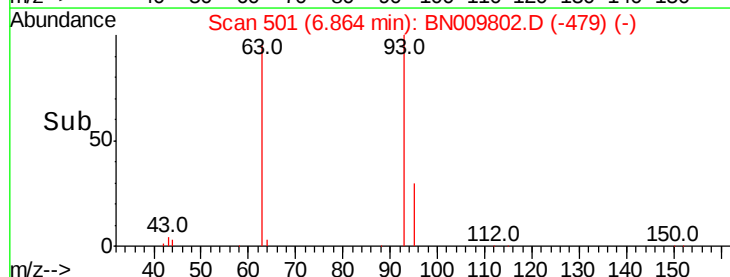
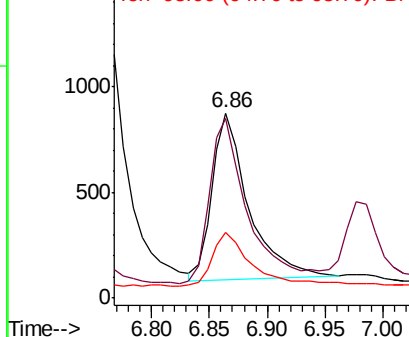
93 100

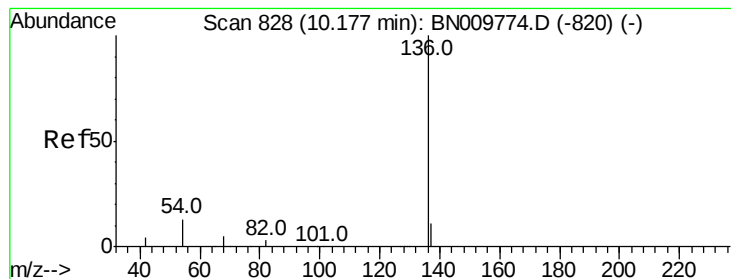
63 105.1 74.0 111.0

95 35.9 26.7 40.1



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: 10.15 min Scan# 826

Delta R.T. -0.03 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 5829

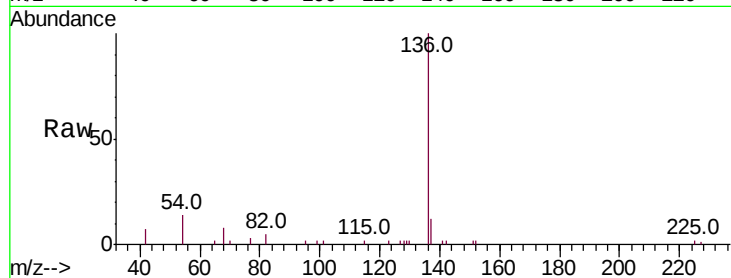
Ion Ratio Lower Upper

136 100

137 12.5 11.3 16.9

54 14.3 13.4 20.2

68 7.6 7.0 10.4

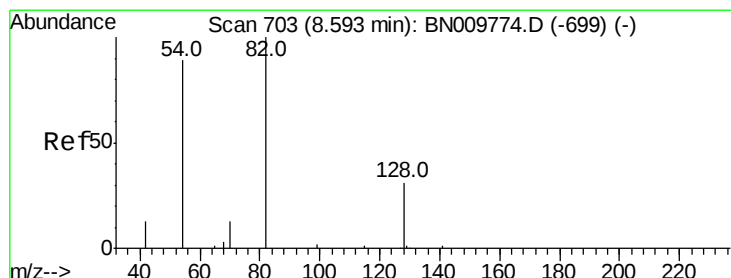
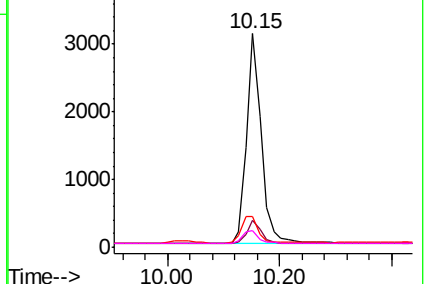
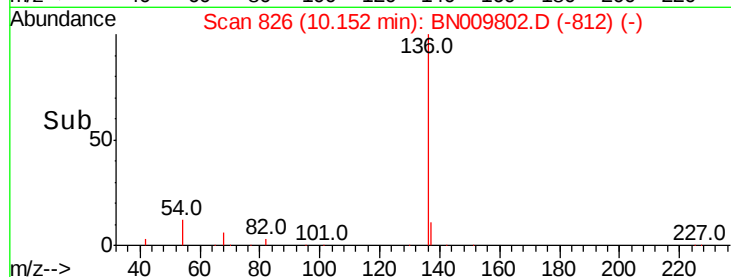


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.407 ng

RT: 8.55 min Scan# 700

Delta R.T. -0.04 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

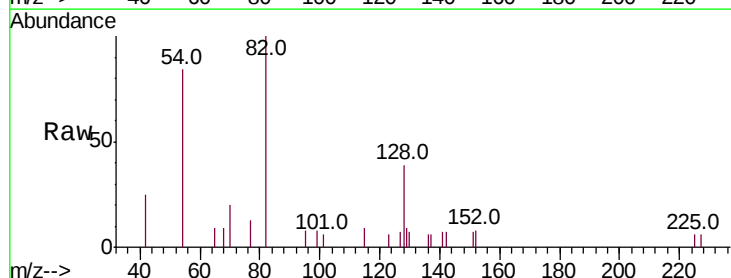
Tgt Ion: 82 Resp: 1975

Ion Ratio Lower Upper

82 100

128 39.5 32.5 48.7

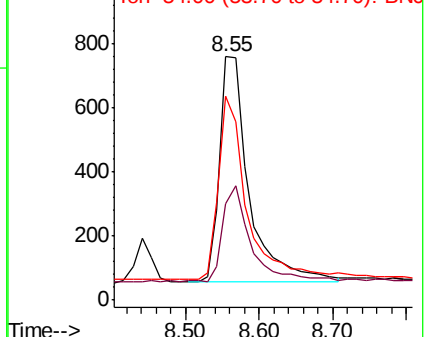
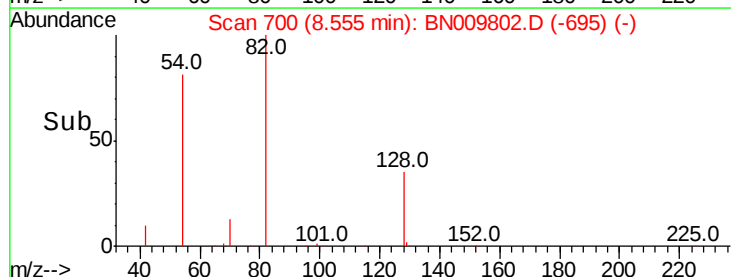
54 83.7 73.5 110.3

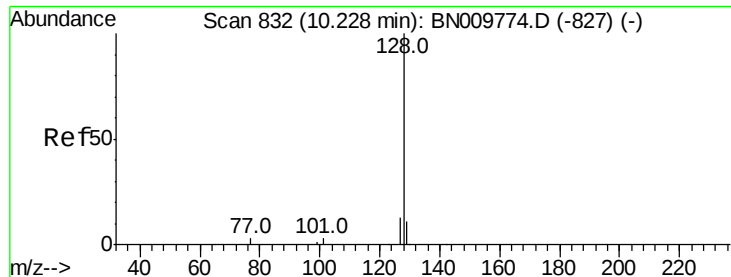


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.391 ng

RT: 10.20 min Scan# 830

Delta R.T. -0.03 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

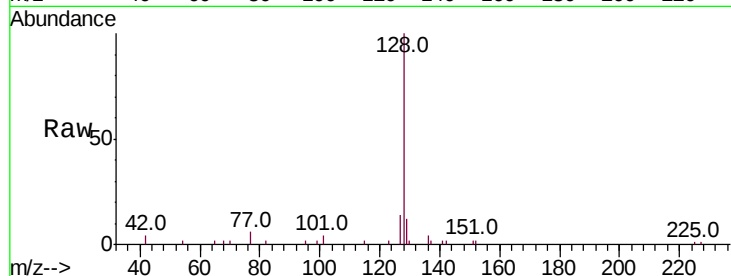
Tot Ion:128 Resp: 6218

Ion Ratio Lower Upper

128 100

129 12.4 11.1 16.7

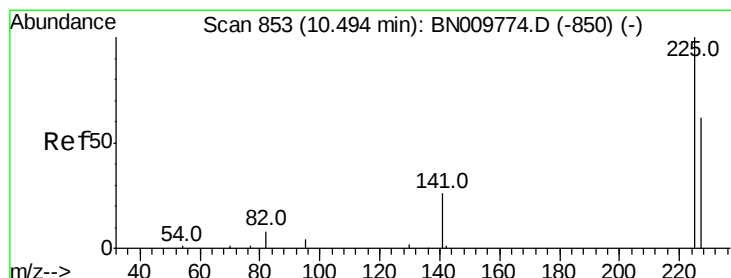
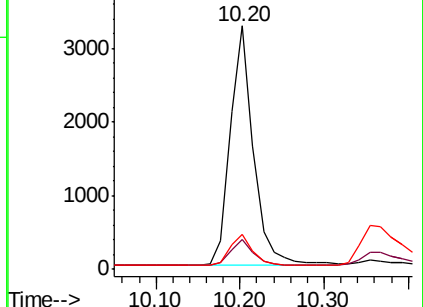
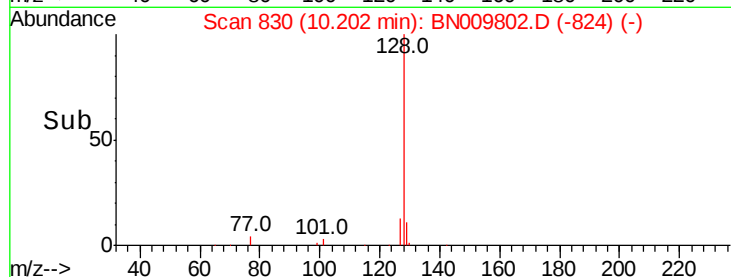
127 14.2 12.6 19.0



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: 0.379 ng

RT: 10.48 min Scan# 852

Delta R.T. -0.01 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

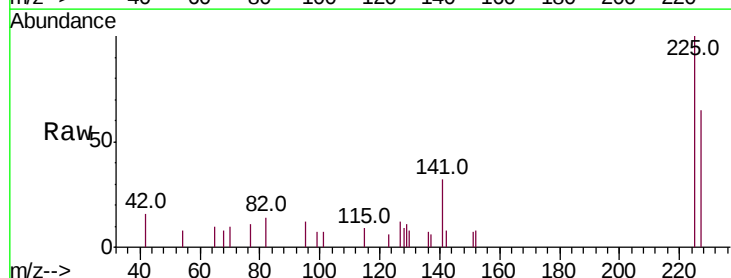
Tgt Ion:225 Resp: 1327

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

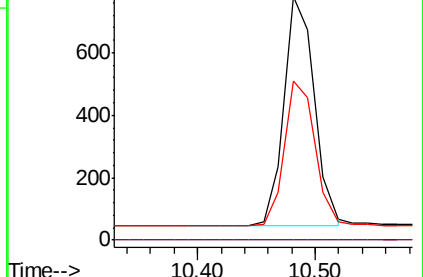
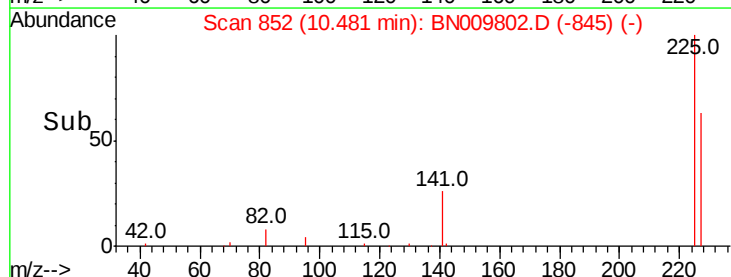
227 64.0 53.4 80.2

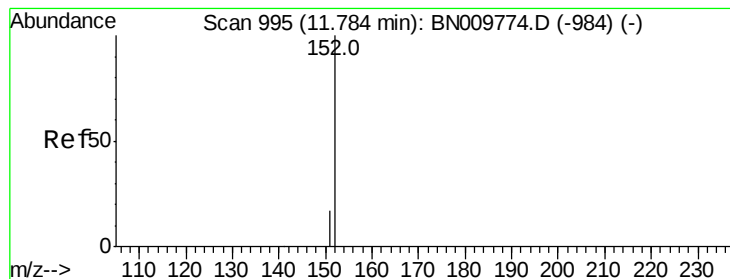


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 11.75 min Scan# 988

Delta R.T. -0.03 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

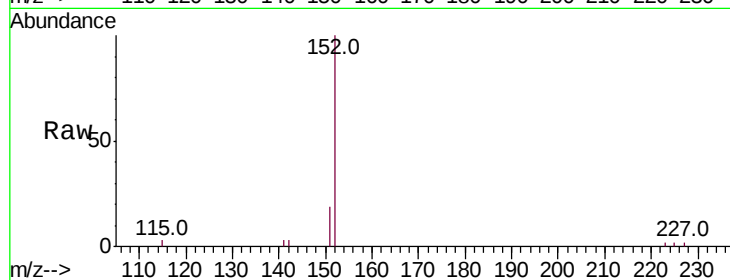
ClientSampleId :

Tot Ion:152 Resp: 4270

Ion Ratio Lower Upper

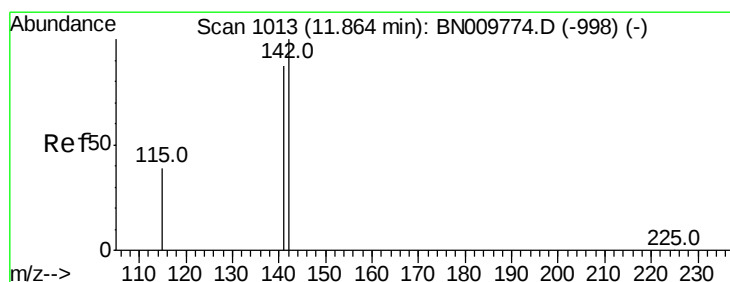
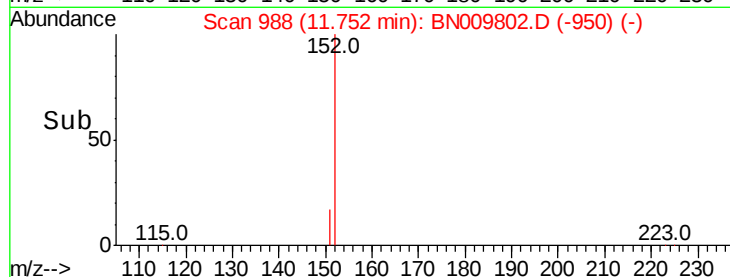
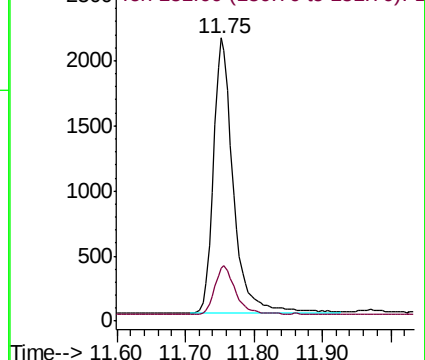
152 100

151 18.9 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.388 ng

RT: 11.83 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

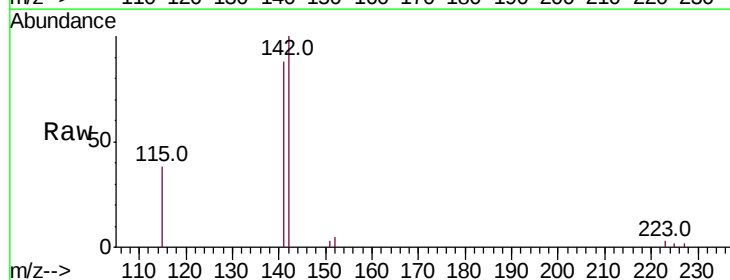
Tgt Ion:142 Resp: 4227

Ion Ratio Lower Upper

142 100

141 88.2 69.8 104.6

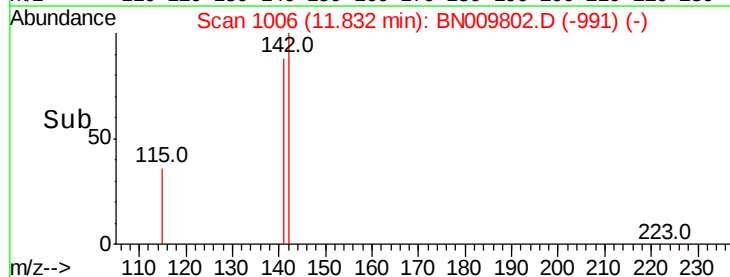
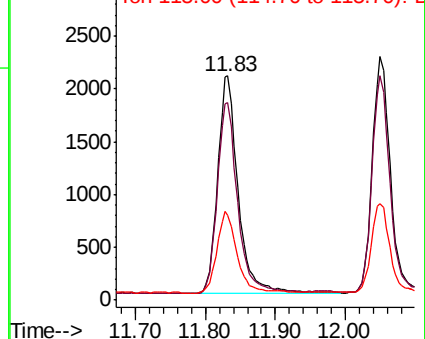
115 38.1 34.6 52.0

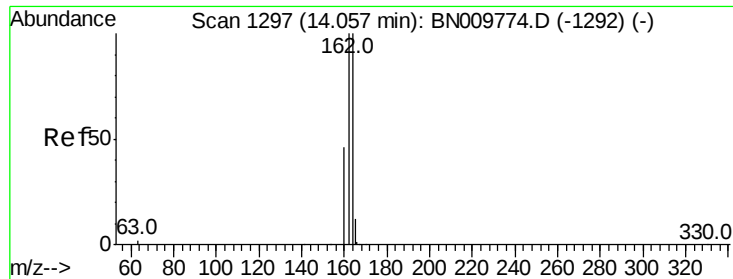


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

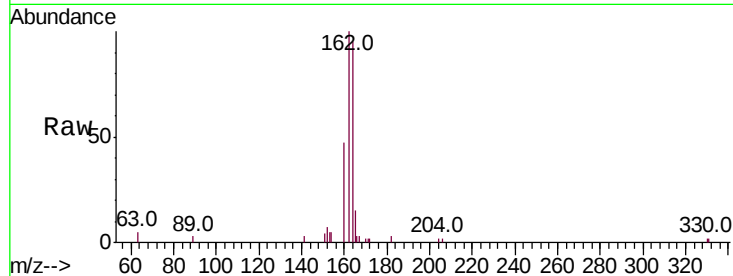
Tot Ion:164 Resp: 3360

Ion Ratio Lower Upper

164 100

162 104.9 79.9 119.9

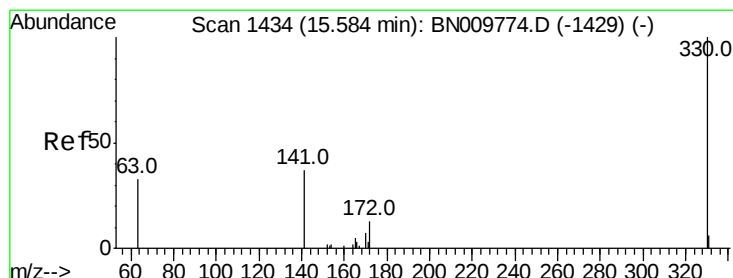
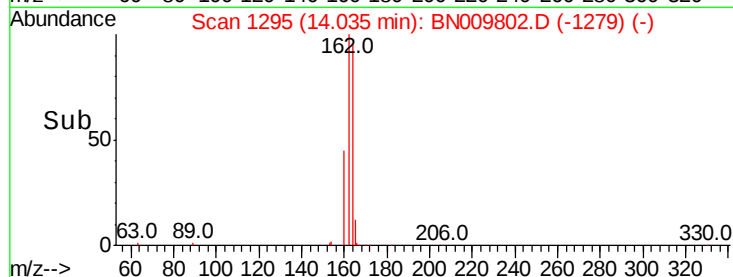
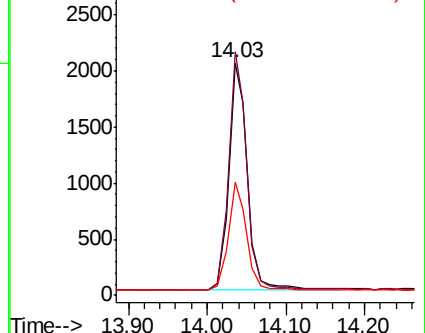
160 48.8 38.2 57.2



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: 0.452 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

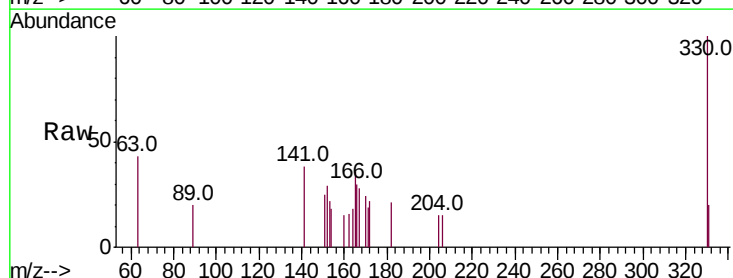
Tgt Ion:330 Resp: 585

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

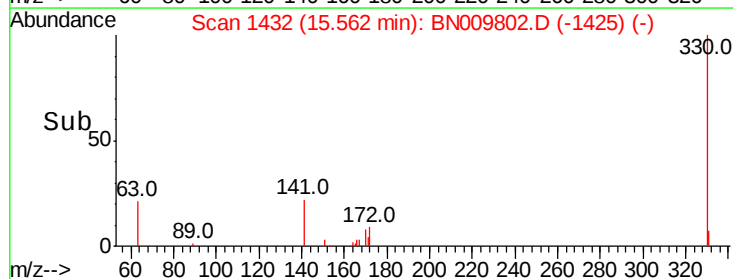
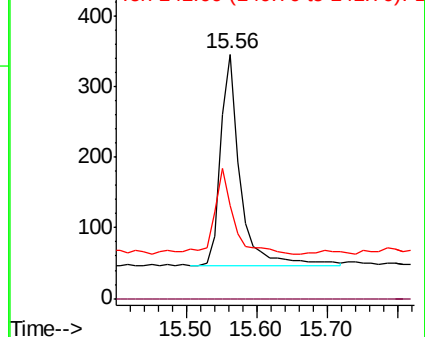
141 38.8 36.8 55.2

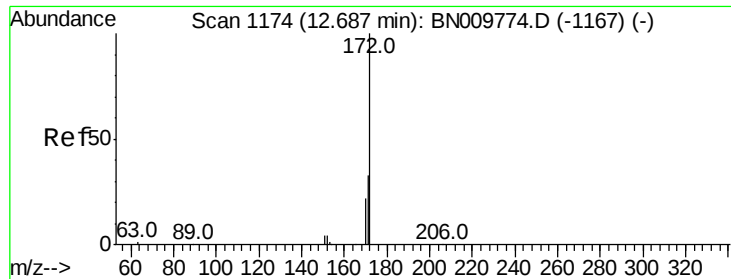


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

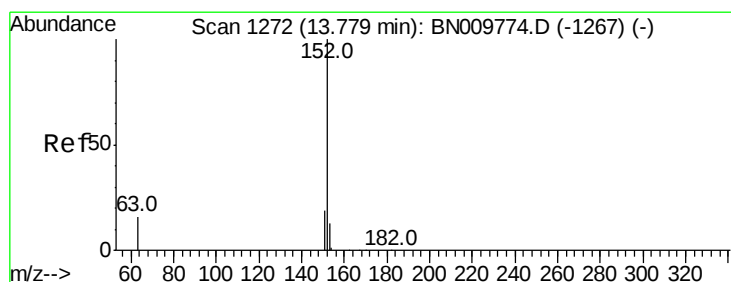
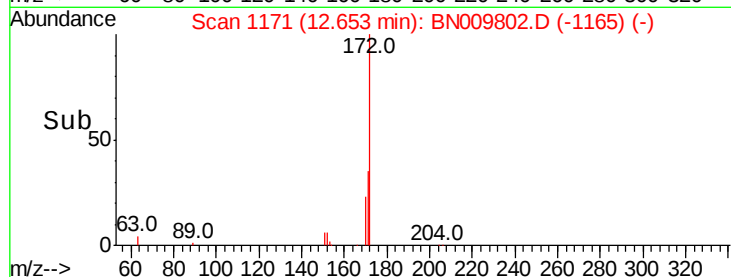
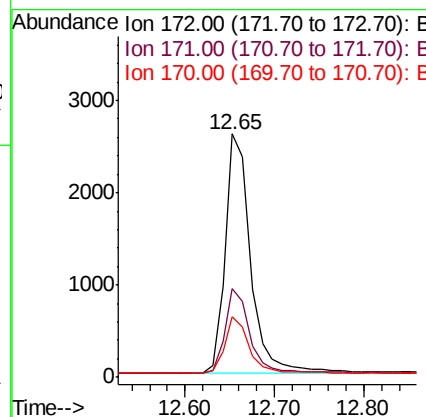
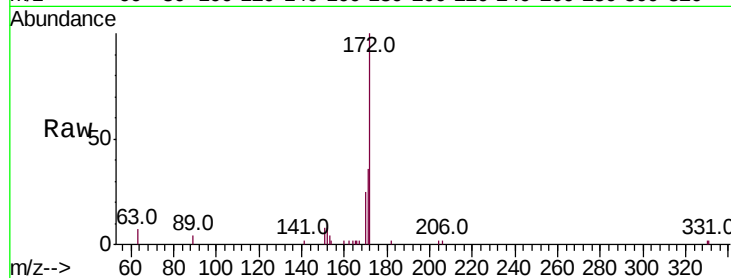




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.65 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BN009802.D
Acq: 21 Feb 2020 05:09

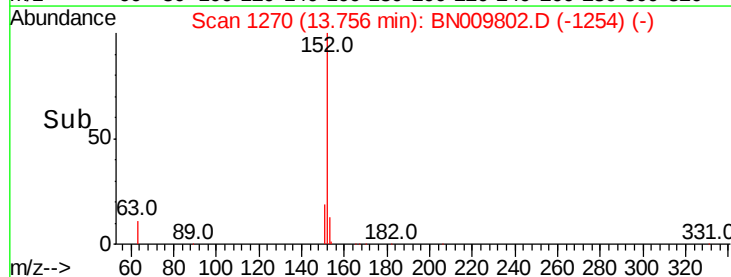
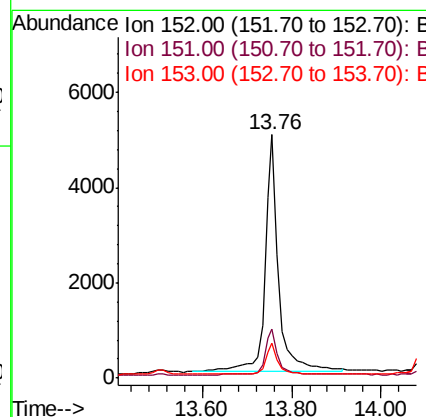
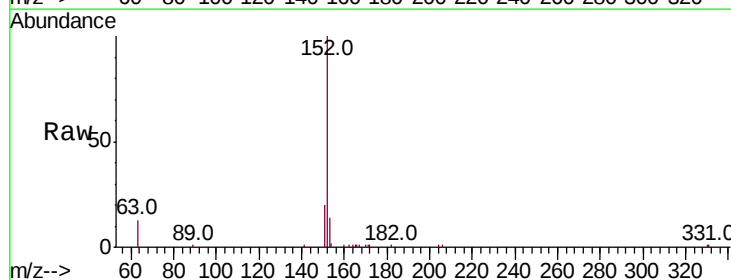
Instrument :
BNA_N
ClientSampleId :

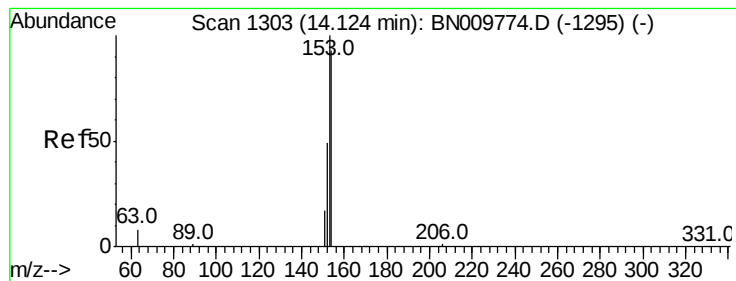
Tot Ion:172 Resp: 5137
Ion Ratio Lower Upper
172 100
171 36.4 28.7 43.1
170 24.9 20.1 30.1



#16
Acenaphthylene
Concen: 0.750 ng
RT: 13.76 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BN009802.D
Acq: 21 Feb 2020 05:09

Tgt Ion:152 Resp: 10747
Ion Ratio Lower Upper
152 100
151 19.4 15.8 23.6
153 11.6 10.2 15.4





#17

Acenaphthene

Concen: 0.453 ng

RT: 14.10 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

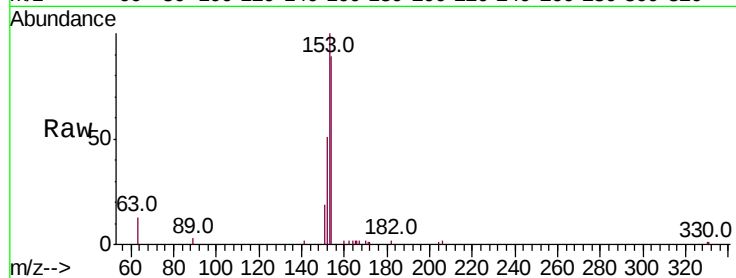
Tot Ion:154 Resp: 4561

Ion Ratio Lower Upper

154 100

153 112.7 88.9 133.3

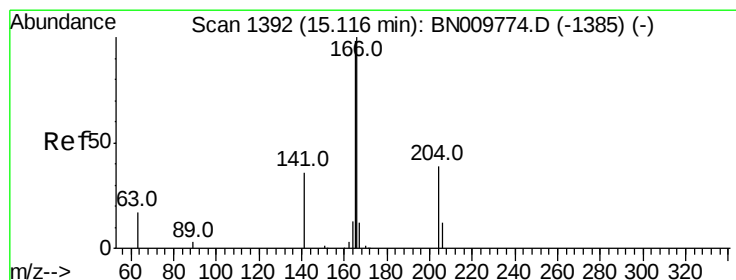
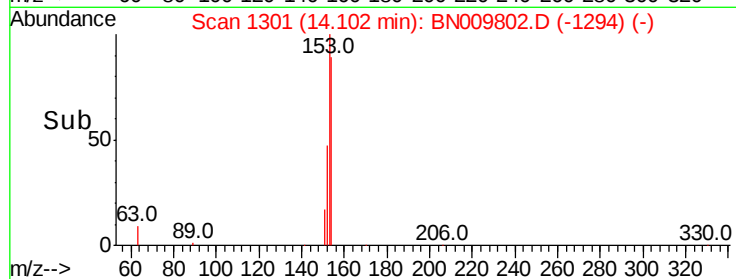
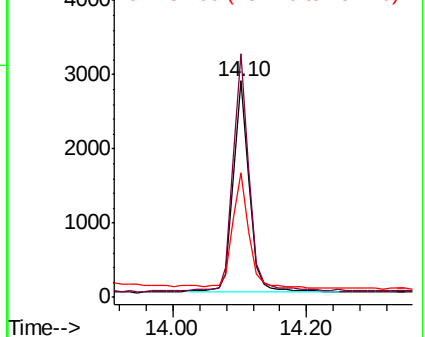
152 56.3 44.2 66.2



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: 0.395 ng

RT: 15.10 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

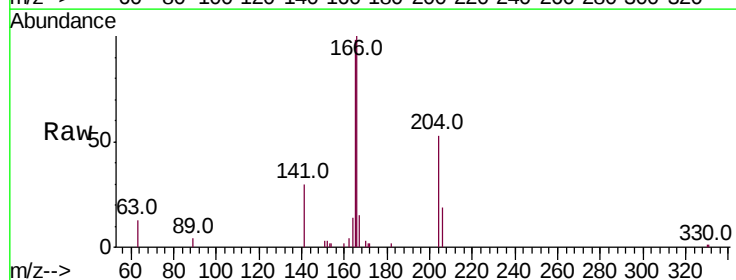
Tgt Ion:166 Resp: 5250

Ion Ratio Lower Upper

166 100

165 102.3 77.2 115.8

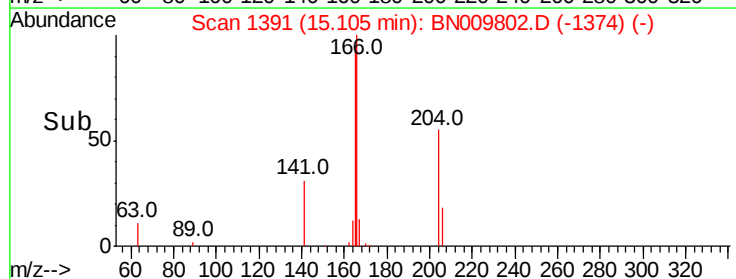
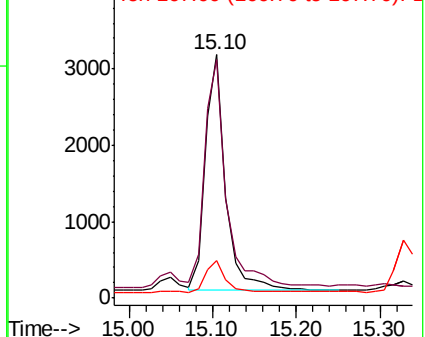
167 13.0 10.5 15.7

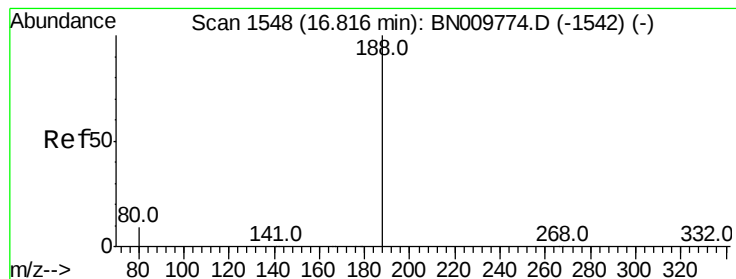


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.79 min Scan# 1546

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampled :

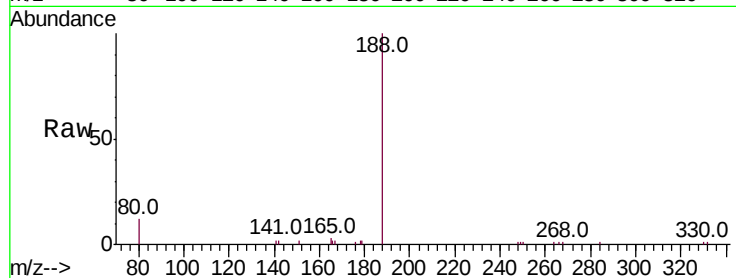
Tot Ion:188 Resp: 6958

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

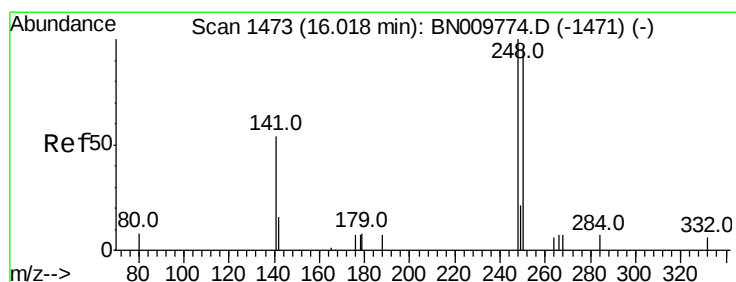
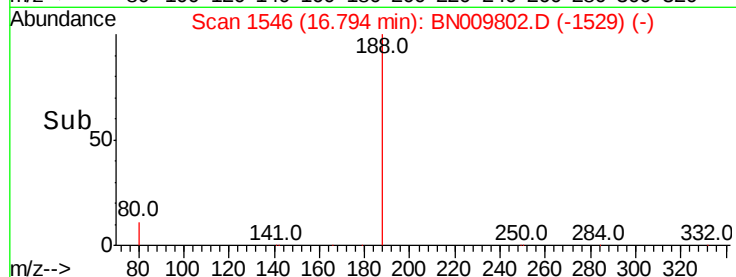
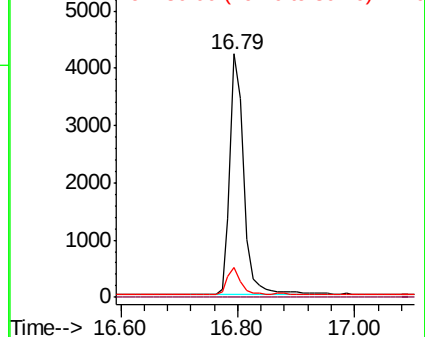
80 12.0 8.3 12.5



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: 0.158 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

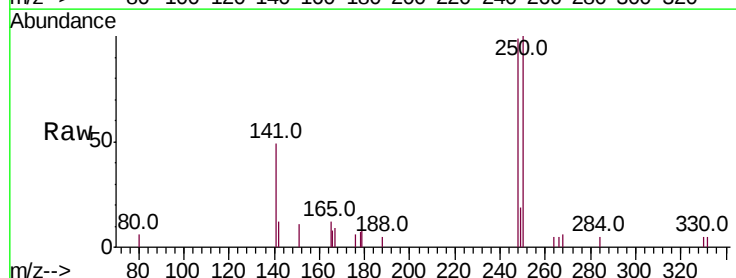
Tgt Ion:248 Resp: 1069

Ion Ratio Lower Upper

248 100

250 101.2 76.2 114.4

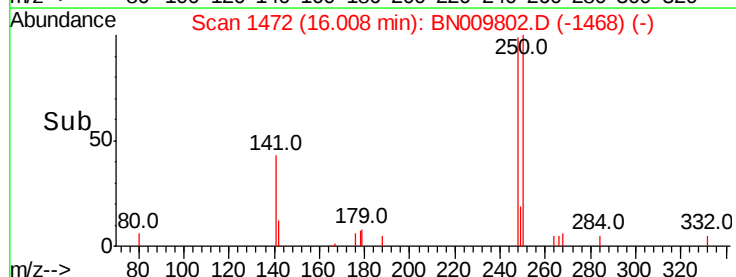
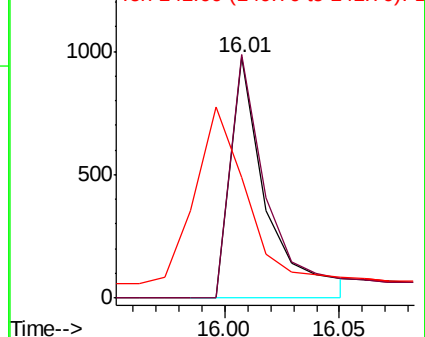
141 49.9 57.8 86.6#

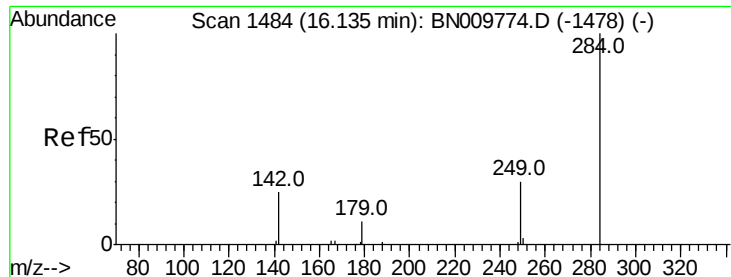


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.11 min Scan# 1482

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

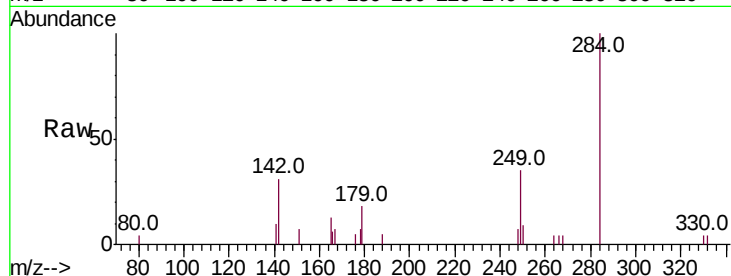
Tot Ion:284 Resp: 1784

Ion Ratio Lower Upper

284 100

142 35.7 33.3 49.9

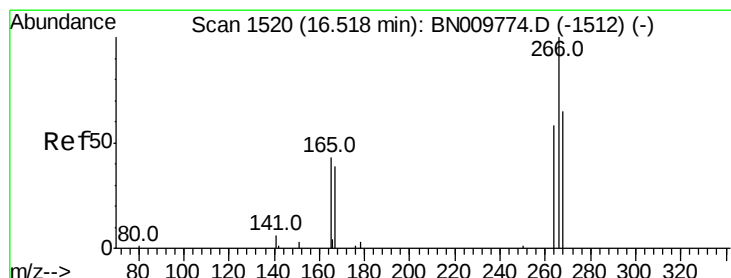
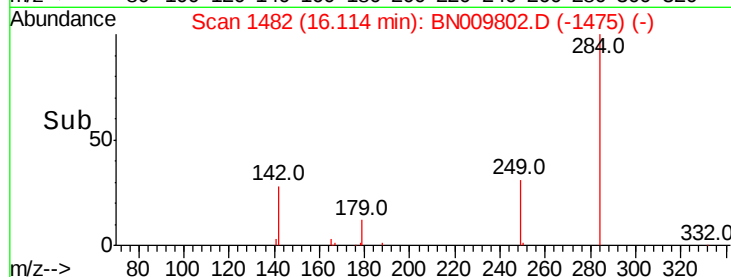
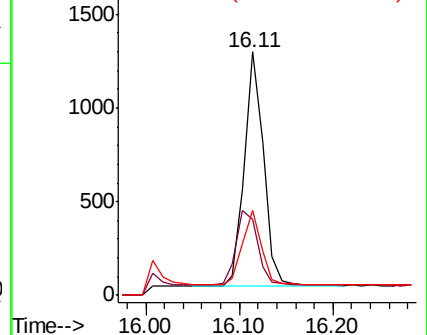
249 31.1 25.7 38.5



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: 0.571 ng

RT: 16.48 min Scan# 1516

Delta R.T. -0.04 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

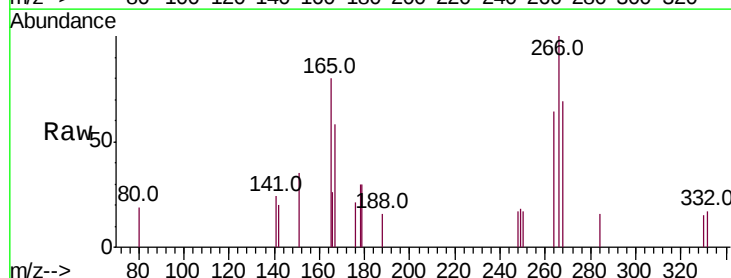
Tgt Ion:266 Resp: 570

Ion Ratio Lower Upper

266 100

264 64.5 58.1 87.1

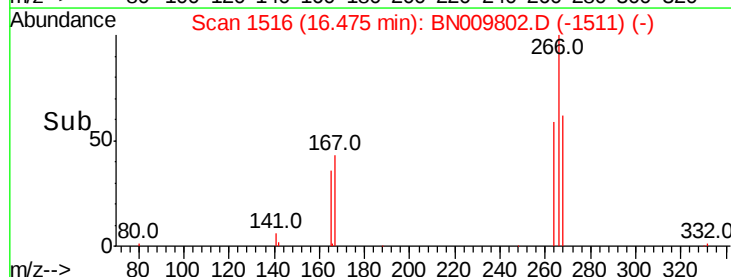
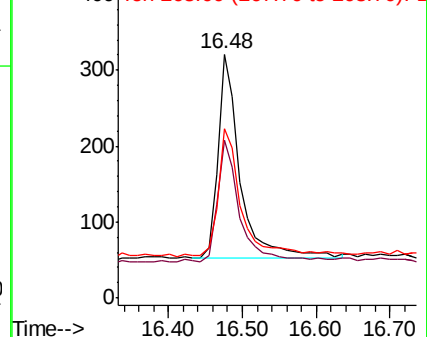
268 69.5 65.7 98.5

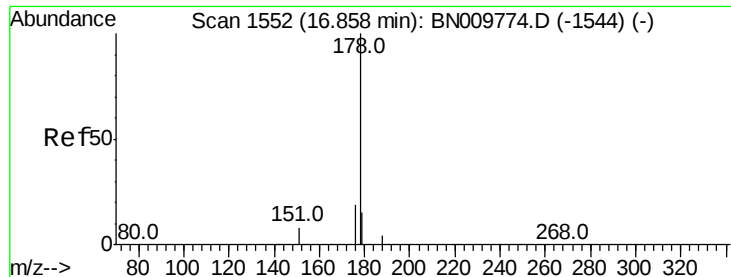


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.381 ng

RT: 16.84 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

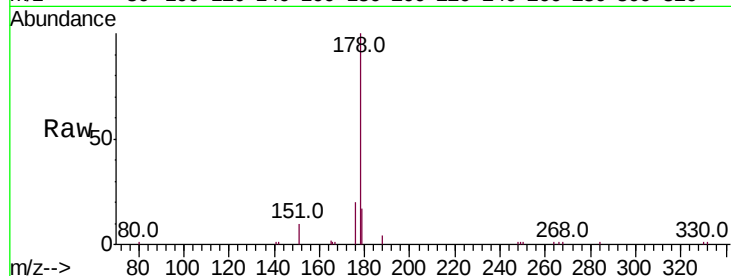
Tot Ion:178 Resp: 7885

Ion Ratio Lower Upper

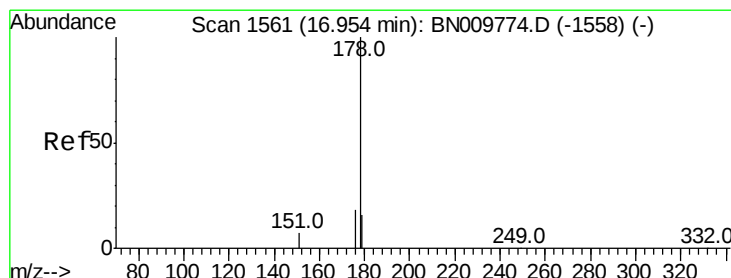
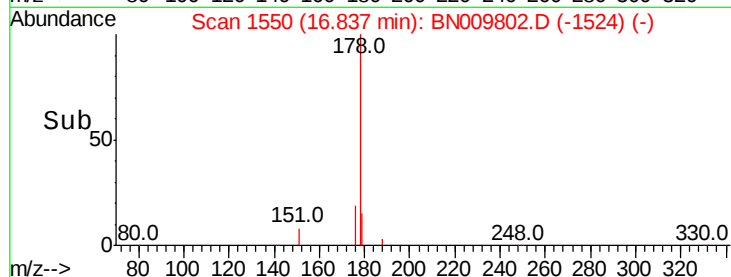
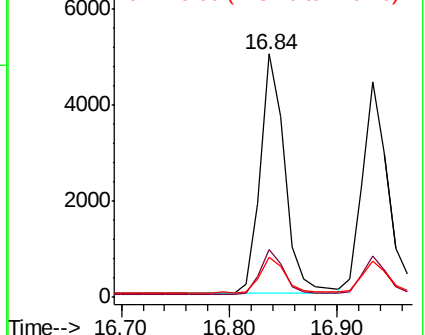
178 100

176 18.7 15.3 22.9

179 16.2 12.4 18.6



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: 0.424 ng

RT: 16.93 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

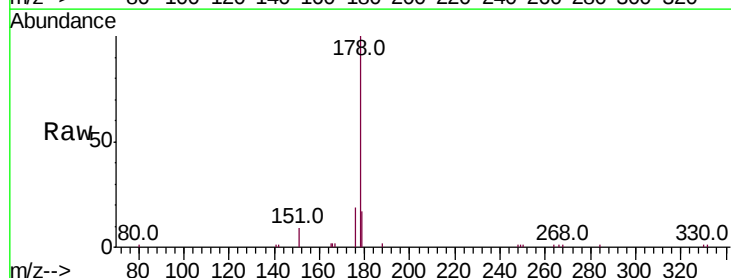
Tgt Ion:178 Resp: 7427

Ion Ratio Lower Upper

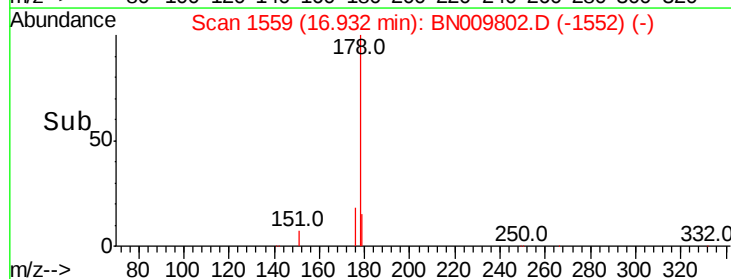
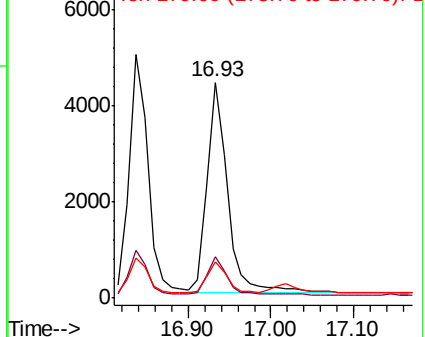
178 100

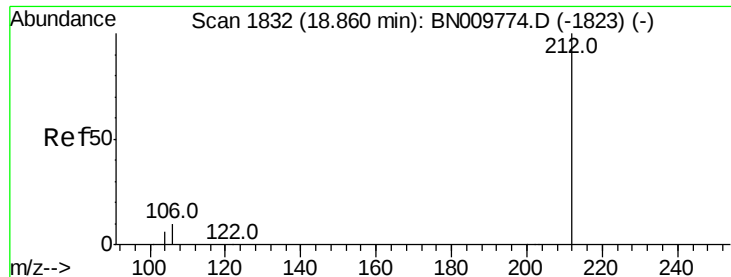
176 17.3 14.3 21.5

179 13.4 12.4 18.6



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: 18.84 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

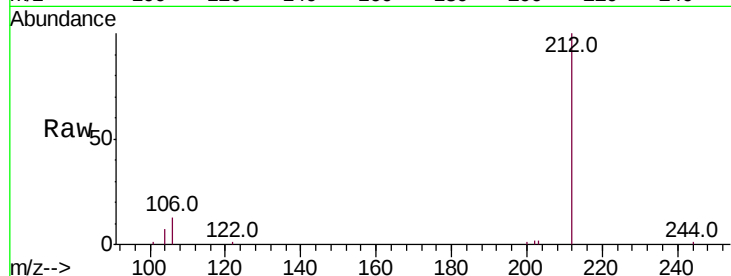
Tot Ion:212 Resp: 9019

Ion Ratio Lower Upper

212 100

106 12.0 8.4 12.6

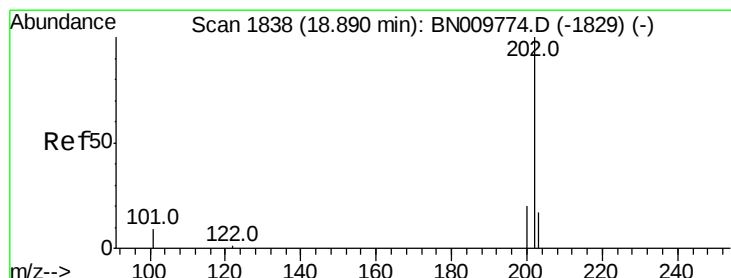
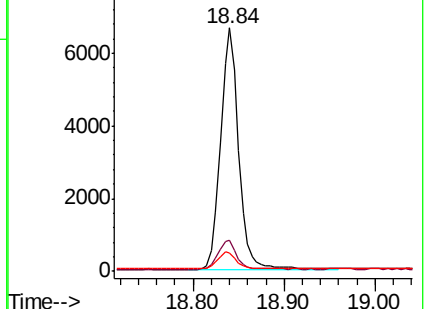
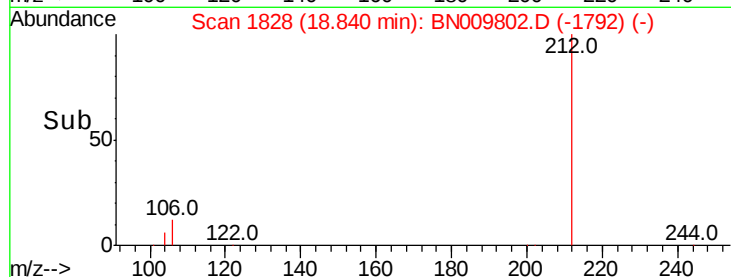
104 7.1 4.8 7.2



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: 0.384 ng

RT: 18.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

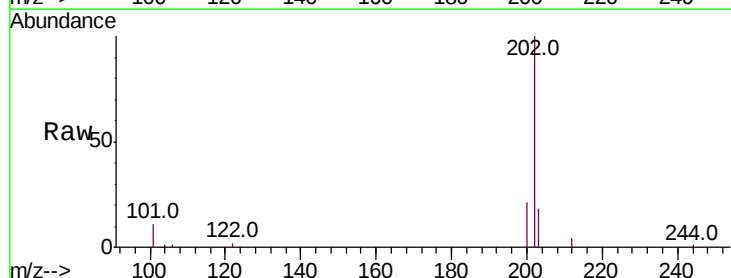
Tgt Ion:202 Resp: 9515

Ion Ratio Lower Upper

202 100

101 9.8 7.1 10.7

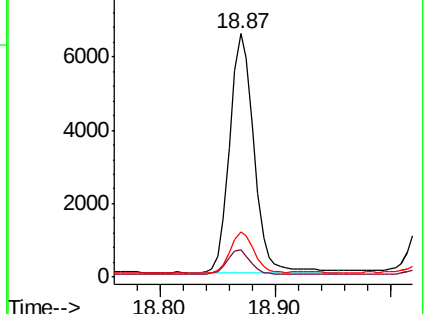
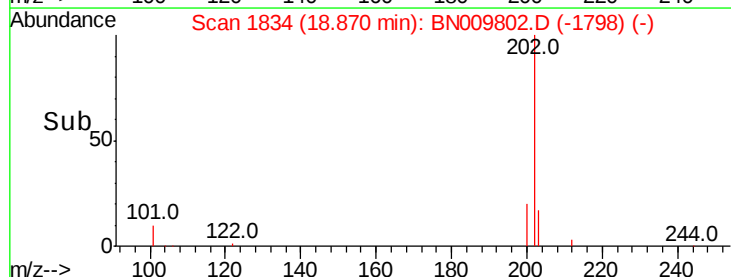
203 16.9 13.8 20.6

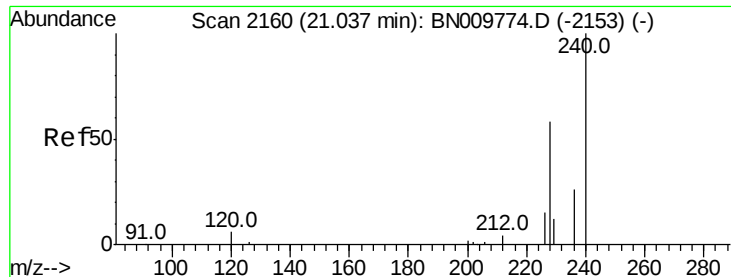


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.02 min Scan# 2158

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

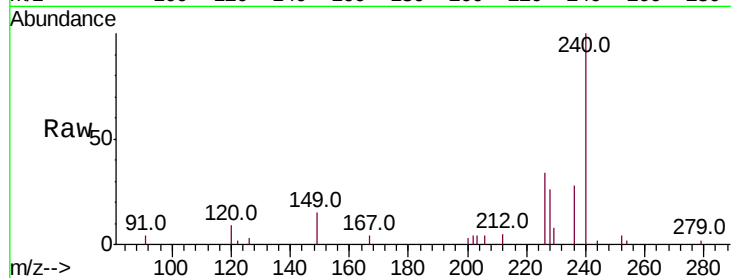
Tot Ion:240 Resp: 6992

Ion Ratio Lower Upper

240 100

120 8.8 7.9 11.9

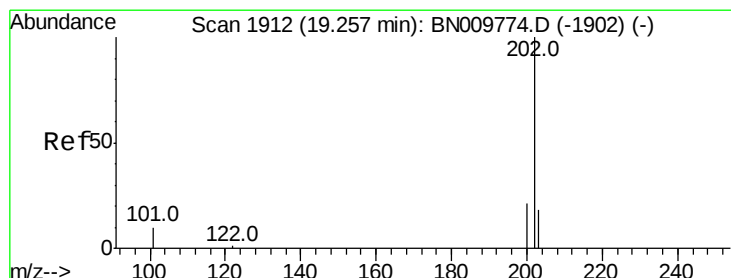
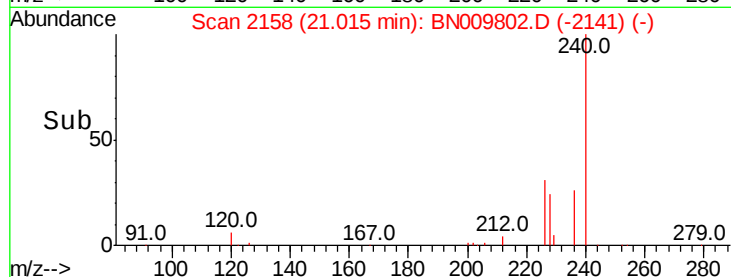
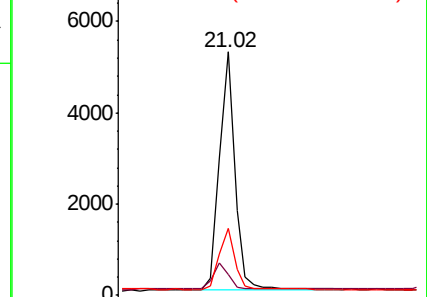
236 27.6 22.0 33.0



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: 0.391 ng

RT: 19.24 min Scan# 1908

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

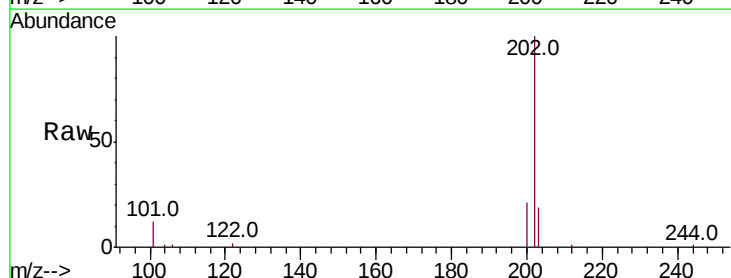
Tgt Ion:202 Resp: 10383

Ion Ratio Lower Upper

202 100

200 20.0 16.4 24.6

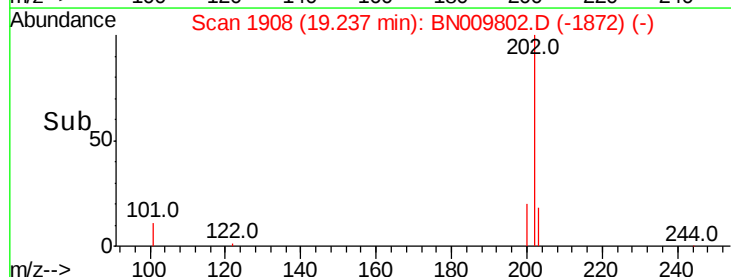
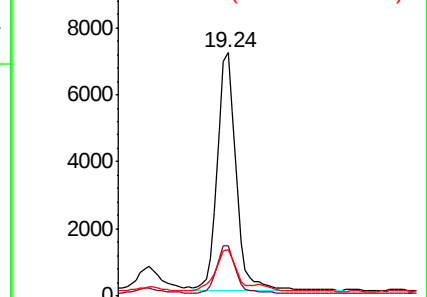
203 18.5 13.9 20.9

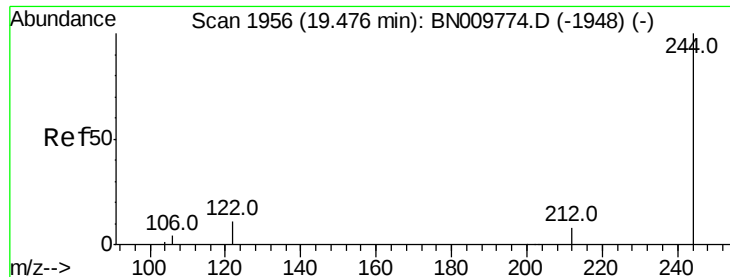


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.521 ng

RT: 19.46 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

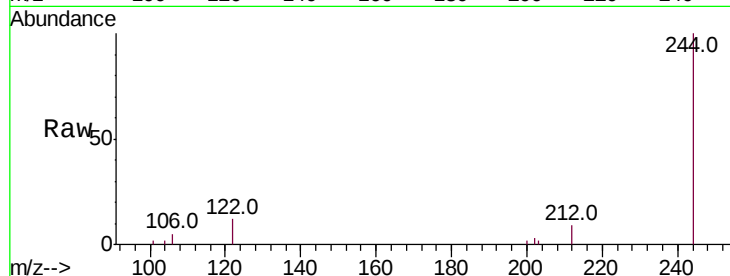
Tot Ion:244 Resp: 8708

Ion Ratio Lower Upper

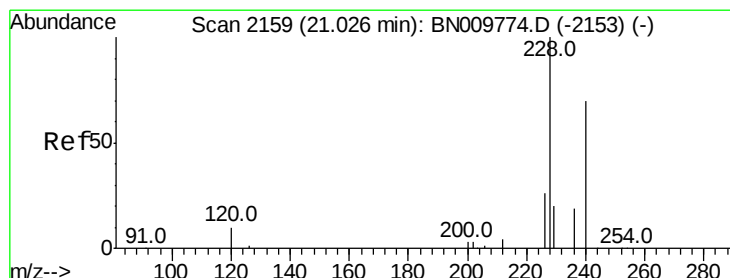
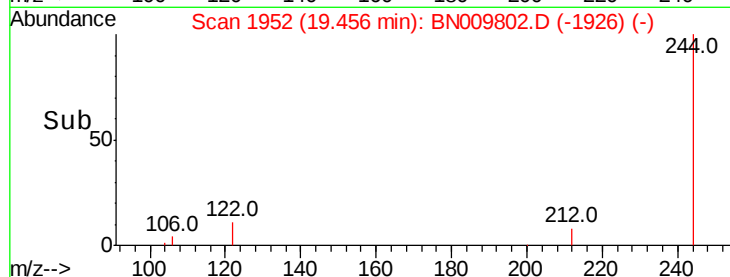
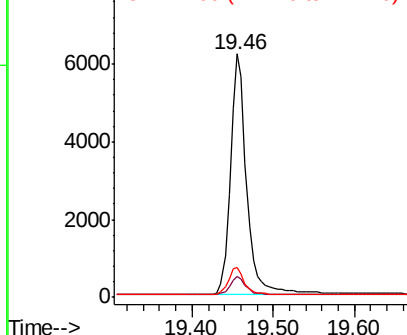
244 100

212 8.8 8.0 12.0

122 12.3 10.0 15.0



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: 0.420 ng

RT: 20.99 min Scan# 2156

Delta R.T. -0.03 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

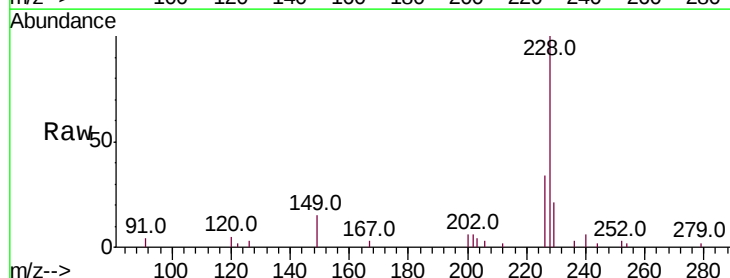
Tgt Ion:228 Resp: 9749

Ion Ratio Lower Upper

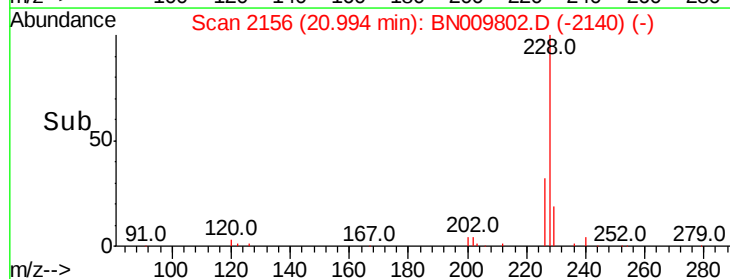
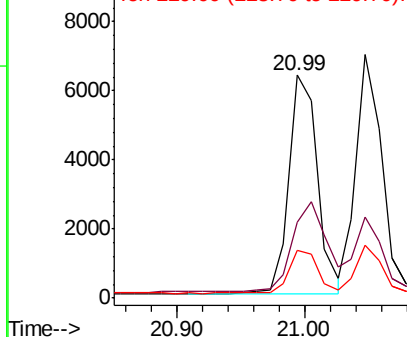
228 100

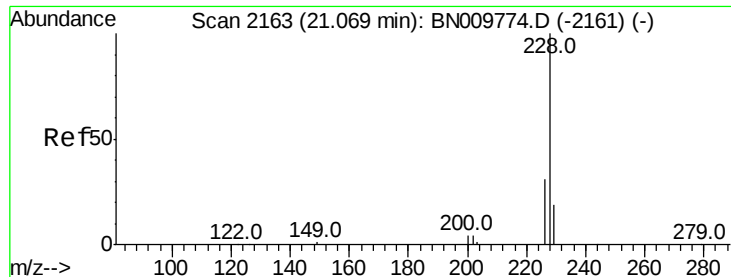
226 33.9 21.8 32.8#

229 21.2 17.1 25.7



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: 0.350 ng

RT: 21.05 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

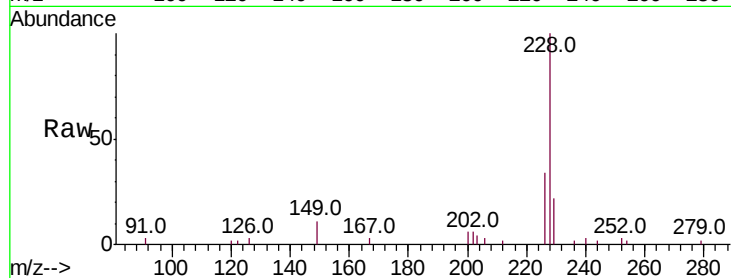
Tot Ion:228 Resp: 9402

Ion Ratio Lower Upper

228 100

226 33.5 24.8 37.2

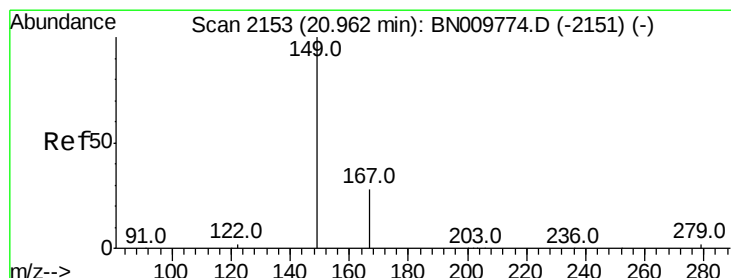
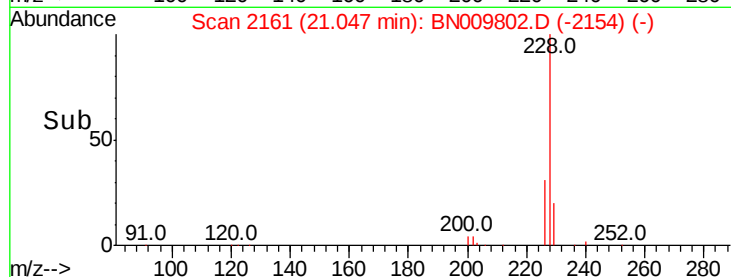
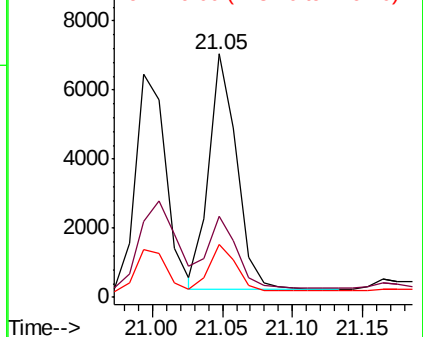
229 21.7 16.4 24.6



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: 0.612 ng

RT: 20.95 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

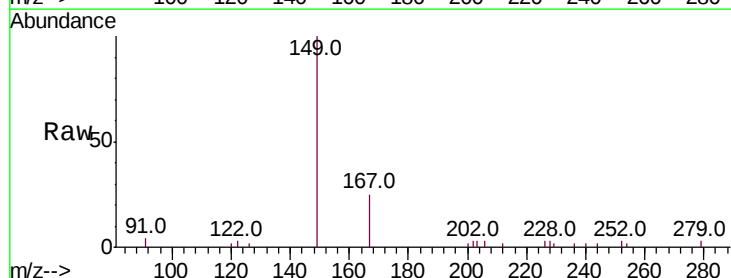
Tgt Ion:149 Resp: 6930

Ion Ratio Lower Upper

149 100

167 23.3 22.7 34.1

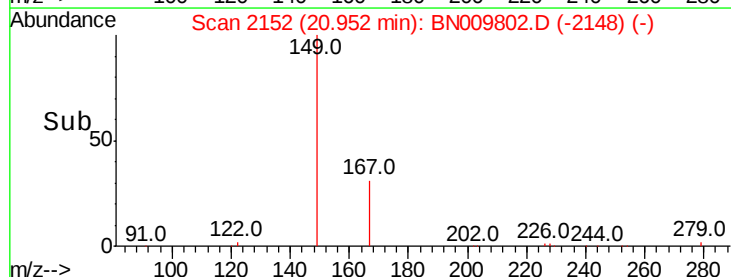
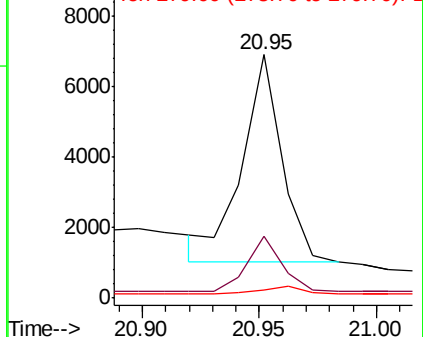
279 3.4 3.1 4.7

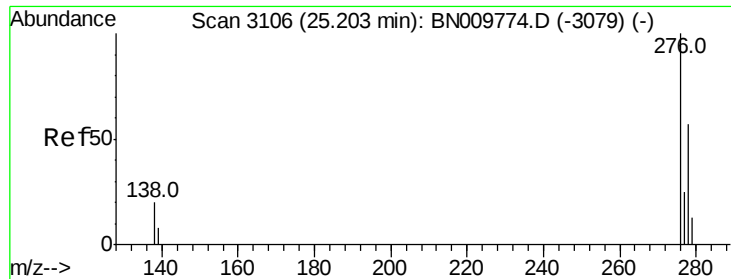


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.369 ng

RT: 25.16 min Scan# 3093

Delta R.T. -0.04 min

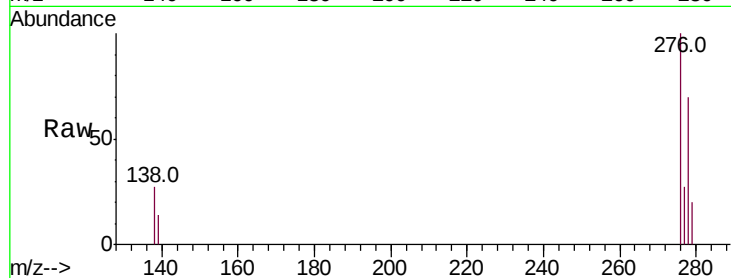
Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :



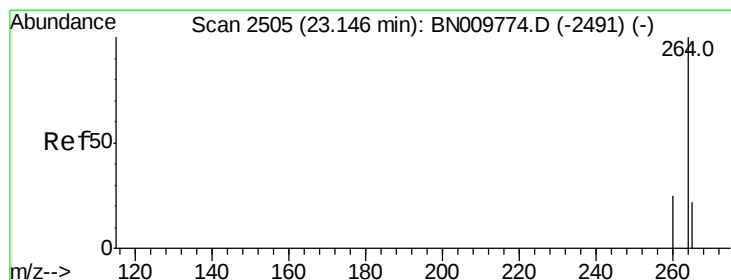
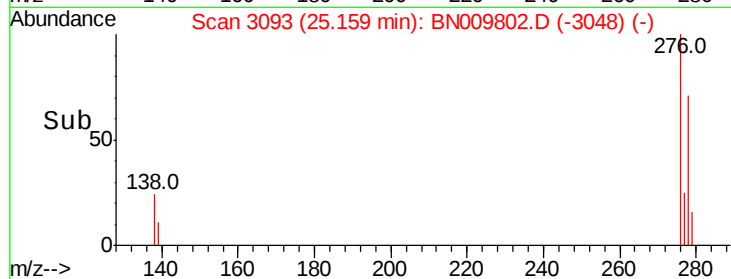
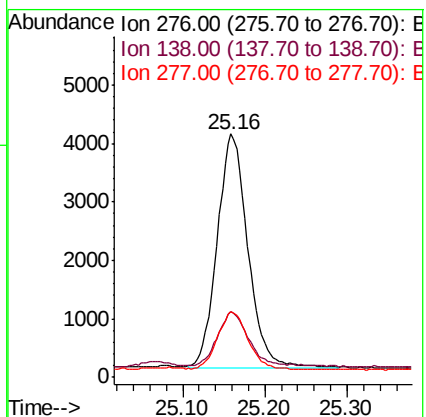
Tot Ion:276 Resp: 10318

Ion Ratio Lower Upper

276 100

138 22.1 15.8 23.6

277 24.7 19.3 28.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.12 min Scan# 2497

Delta R.T. -0.03 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

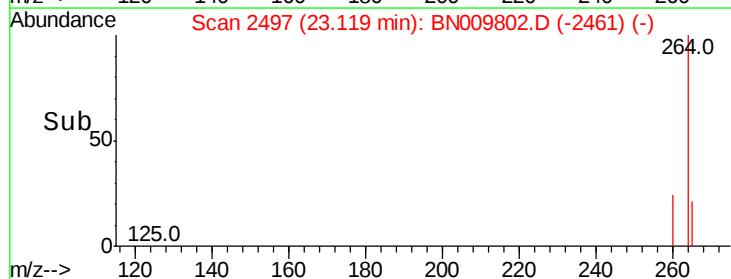
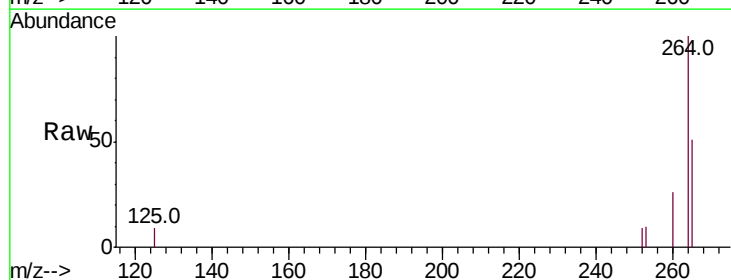
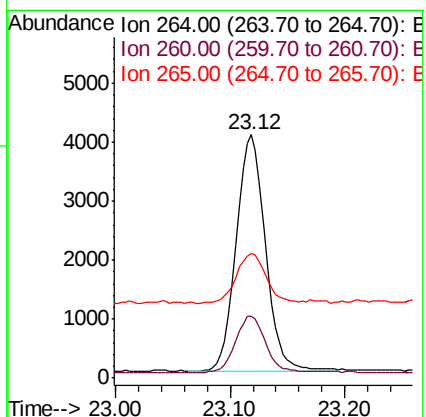
Tgt Ion:264 Resp: 7093

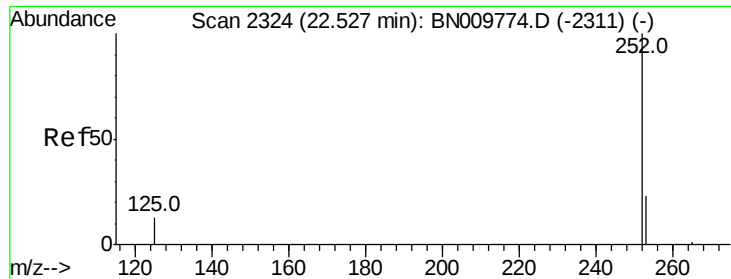
Ion Ratio Lower Upper

264 100

260 25.6 21.1 31.7

265 51.3 57.5 86.3#

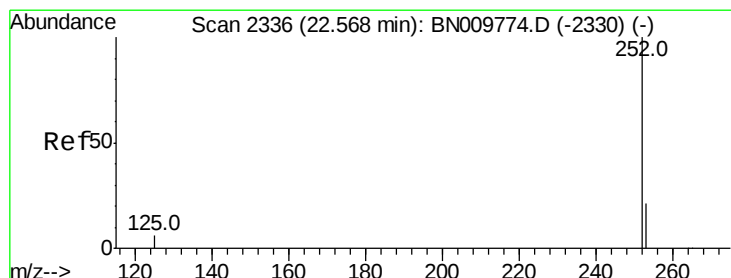
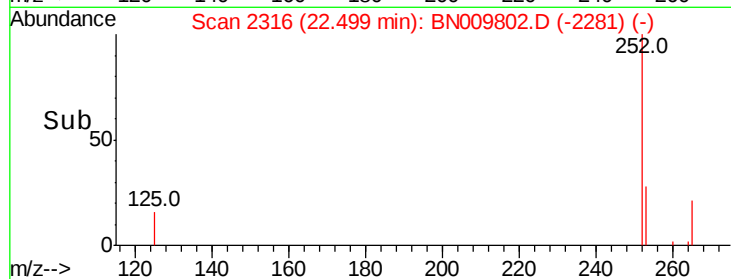
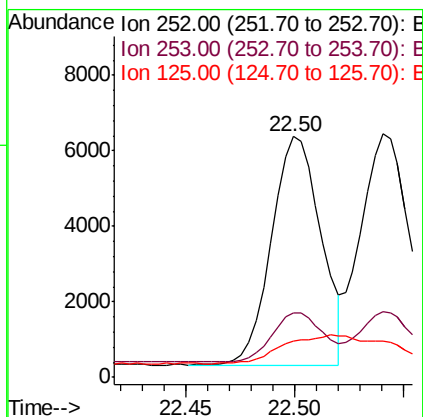
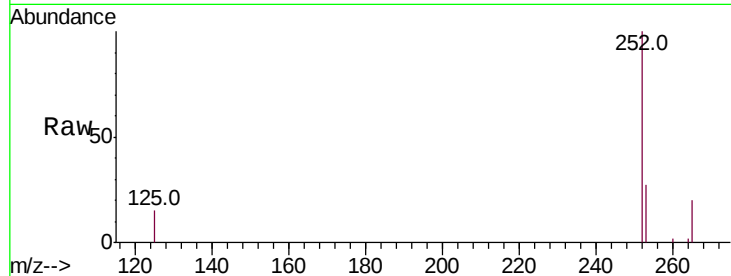




#35
Benzo(b)fluoranthene
Concen: 0.368 ng
RT: 22.50 min Scan# 2316
Delta R.T. -0.03 min
Lab File: BN009802.D
Acq: 21 Feb 2020 05:09

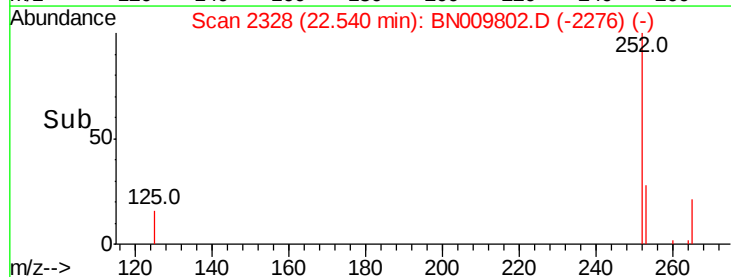
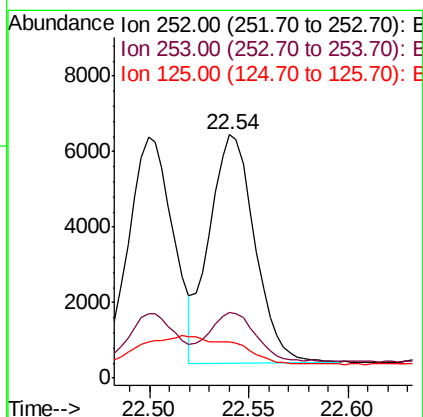
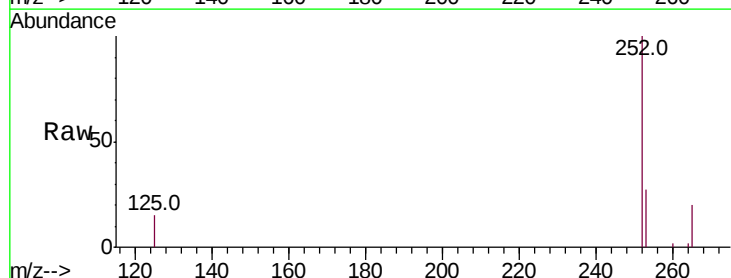
Instrument :
BNA_N
ClientSampleId :

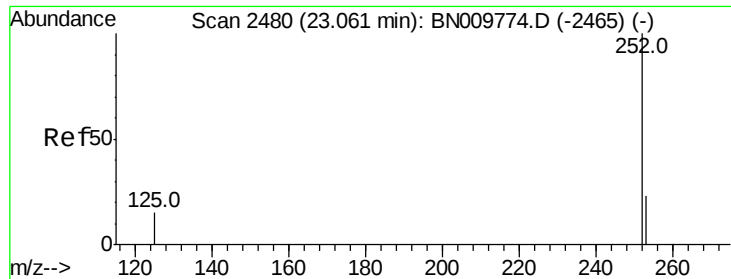
Tot Ion:252 Resp: 9535
Ion Ratio Lower Upper
252 100
253 27.0 23.0 34.6
125 15.3 14.4 21.6



#36
Benzo(k)fluoranthene
Concen: 0.342 ng
RT: 22.54 min Scan# 2328
Delta R.T. -0.03 min
Lab File: BN009802.D
Acq: 21 Feb 2020 05:09

Tgt Ion:252 Resp: 9669
Ion Ratio Lower Upper
252 100
253 27.1 22.2 33.2
125 14.8 10.5 15.7





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.03 min Scan# 2471

Delta R.T. -0.03 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

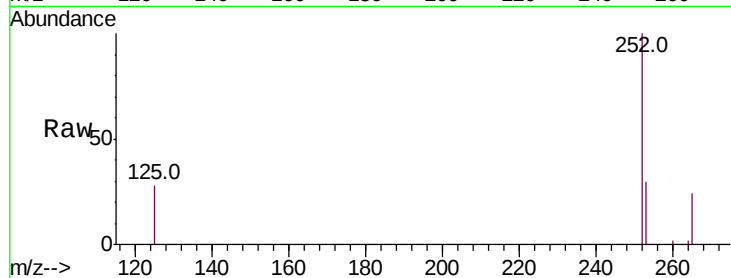
Tot Ion:252 Resp: 9247

Ion Ratio Lower Upper

252 100

253 29.8 25.3 37.9

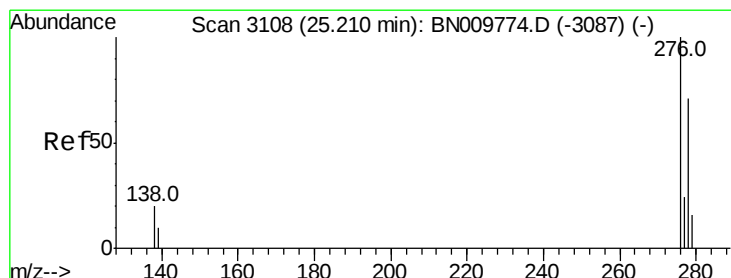
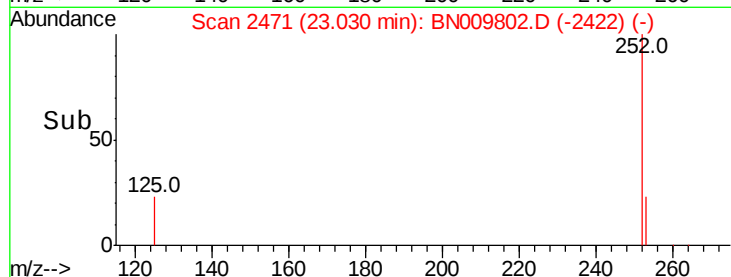
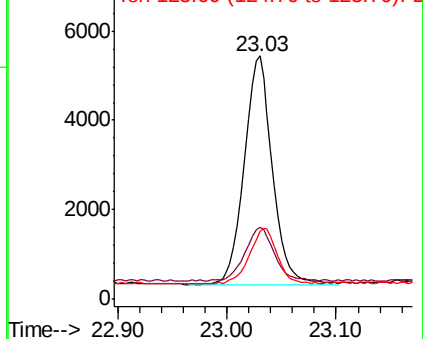
125 28.0 17.7 26.5#



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: 0.348 ng

RT: 25.17 min Scan# 3095

Delta R.T. -0.04 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

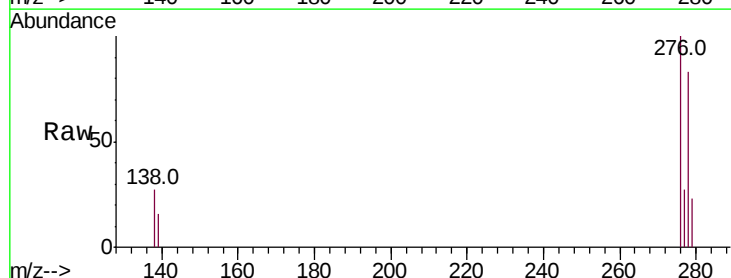
Tgt Ion:278 Resp: 8112

Ion Ratio Lower Upper

278 100

139 18.9 14.5 21.7

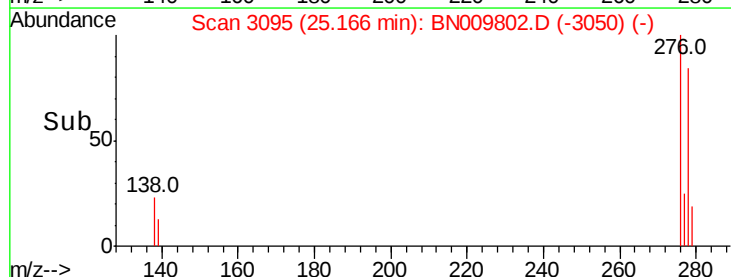
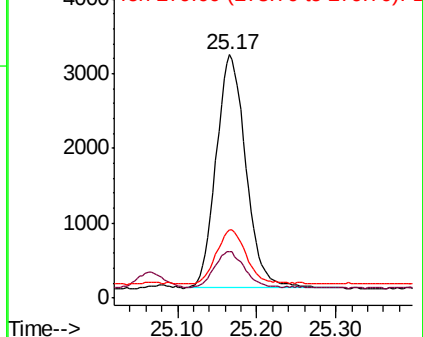
279 27.9 24.3 36.5

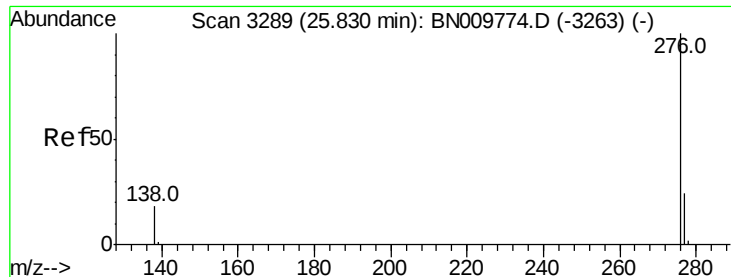


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.371 ng

RT: 25.78 min Scan# 3275

Delta R.T. -0.05 min

Lab File: BN009802.D

Acq: 21 Feb 2020 05:09

Instrument :

BNA_N

ClientSampleId :

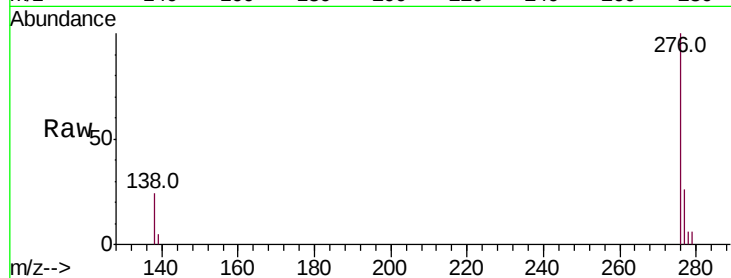
Tot Ion:276 Resp: 9207

Ion Ratio Lower Upper

276 100

277 26.1 21.4 32.0

138 23.8 16.6 24.8



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

