

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041520\
 Data File : BN010503.D
 Acq On : 15 Apr 2020 10:55
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 15 11:31:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3865	0.40	ng	-0.02
7) Naphthalene-d8	10.35	136	16164	0.40	ng	-0.01
13) Acenaphthene-d10	14.22	164	10614	0.40	ng	-0.01
19) Phenanthrene-d10	16.97	188	24189	0.40	ng	-0.01
27) Chrysene-d12	21.18	240	27926	0.40	ng	-0.01
34) Perylene-d12	23.35	264	25105	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	3451	0.41	ng	0.00
5) Phenol-d6	6.78	99	4809	0.43	ng	-0.02
8) Nitrobenzene-d5	8.73	82	4799	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	11.95	152	10847	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1958	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	17174	0.44	ng	-0.01
25) Fluoranthene-d10	19.01	212	31786	0.43	ng	0.00
29) Terphenyl-d14	19.62	244	29106	0.46	ng	0.00

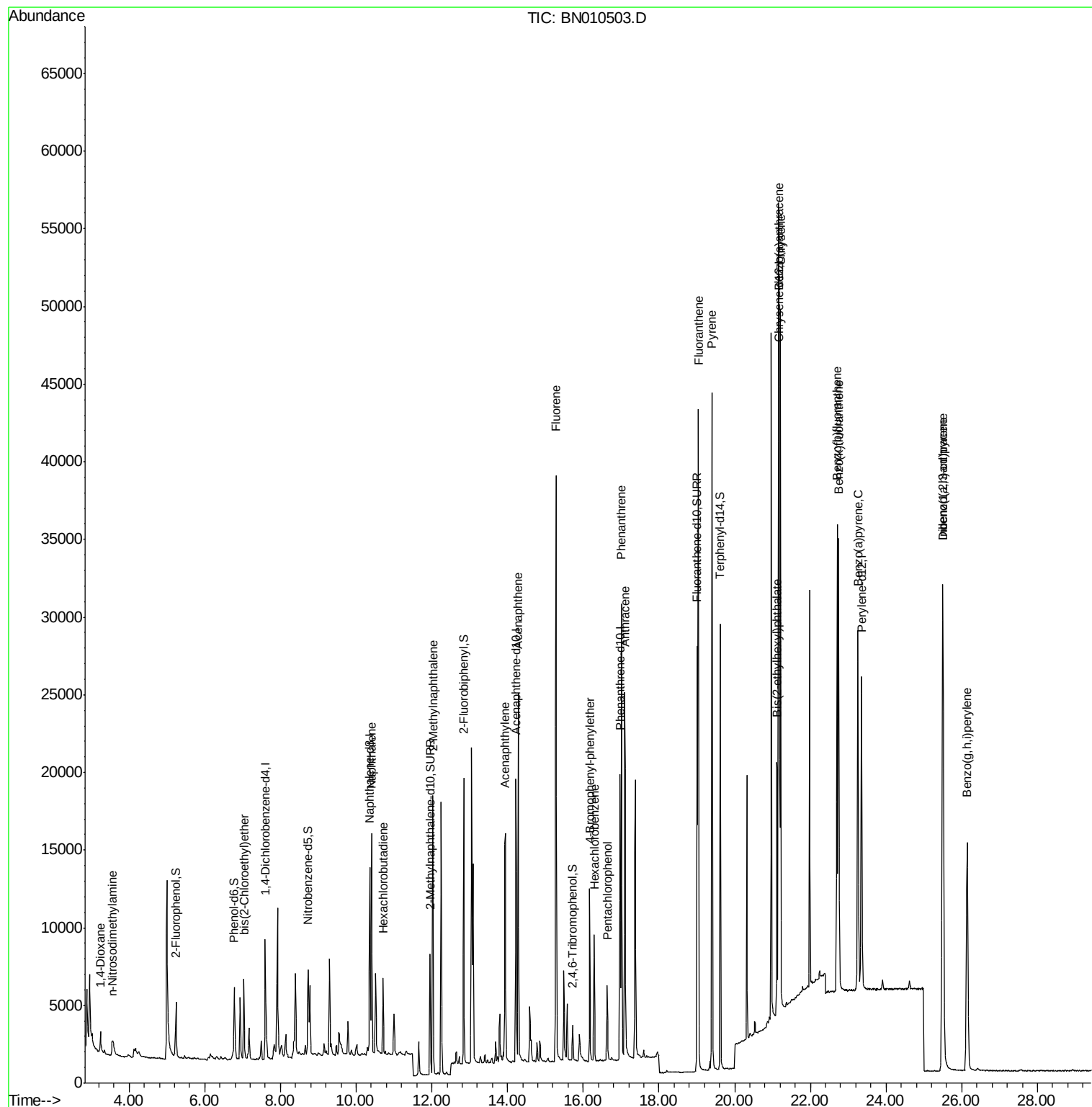
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1225	0.431	ng	# 89
3) n-Nitrosodimethylamine	3.55	42	931	0.505	ng	# 82
6) bis(2-Chloroethyl)ether	7.03	93	4226	0.441	ng	98
9) Naphthalene	10.41	128	17474	0.435	ng	100
10) Hexachlorobutadiene	10.71	225	3929	0.406	ng	# 98
12) 2-Methylnaphthalene	12.02	142	12786	0.443	ng	98
16) Acenaphthylene	13.94	152	19221	0.419	ng	100
17) Acenaphthene	14.29	154	12547	0.426	ng	99
18) Fluorene	15.28	166	16551	0.429	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	5496	0.409	ng	# 95
21) Hexachlorobenzene	16.29	284	6497	0.424	ng	99
22) Pentachlorophenol	16.63	266	2496	0.414	ng	97
23) Phenanthrene	17.01	178	29167	0.446	ng	100
24) Anthracene	17.10	178	26668	0.447	ng	100
26) Fluoranthene	19.04	202	38010	0.467	ng	99
28) Pyrene	19.40	202	39537	0.421	ng	99
30) Benzo(a)anthracene	21.17	228	38134	0.419	ng	98
31) Chrysene	21.21	228	39151	0.431	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	16006	0.342	ng	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	36529	0.455	ng	99
35) Benzo(b)fluoranthene	22.71	252	35331	0.427	ng	98
36) Benzo(k)fluoranthene	22.75	252	36806	0.444	ng	99
37) Benzo(a)pyrene	23.25	252	31936	0.436	ng	96
38) Dibenzo(a,h)anthracene	25.51	278	30022	0.449	ng	97
39) Benzo(g,h,i)perylene	26.14	276	30624	0.455	ng	99

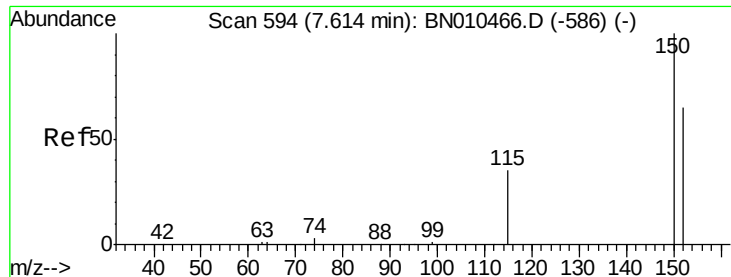
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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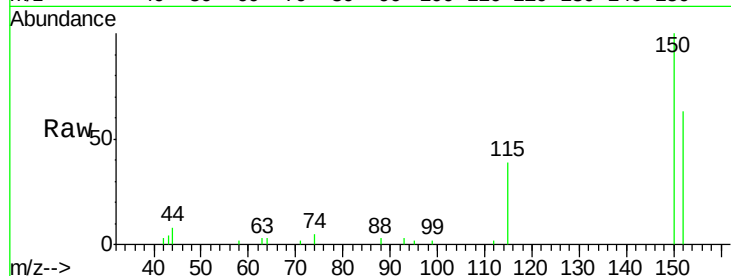


#1

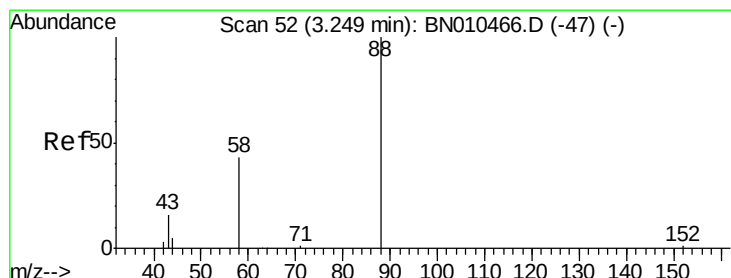
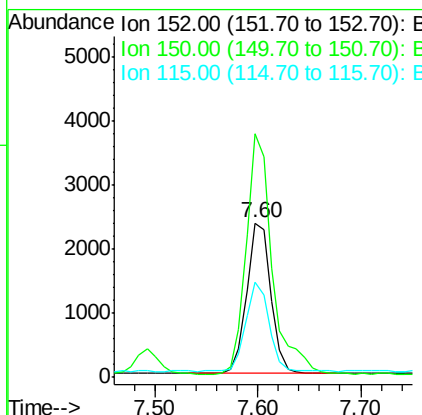
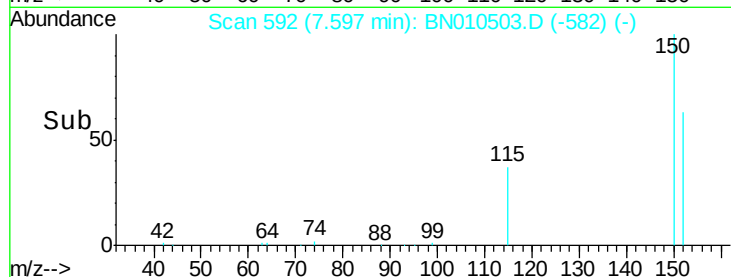
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 3865
Ion Ratio Lower Upper
152 100
150 157.7 121.8 182.6
115 61.6 45.5 68.3



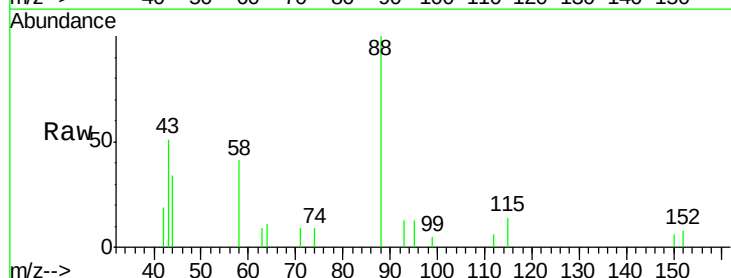
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



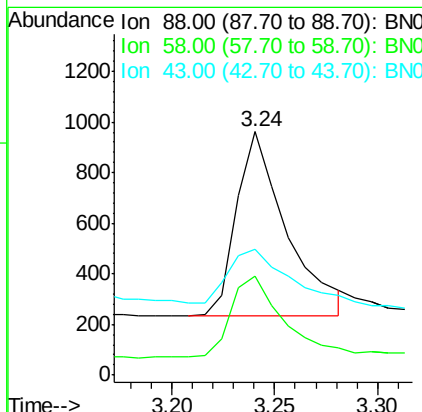
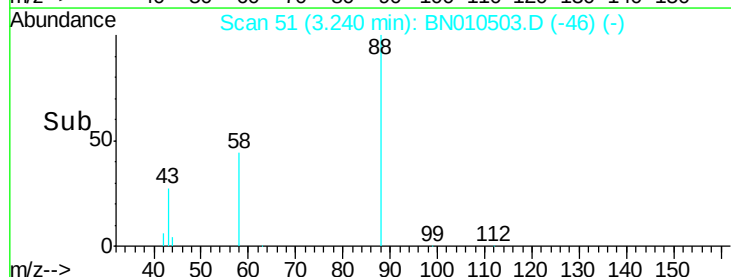
#2

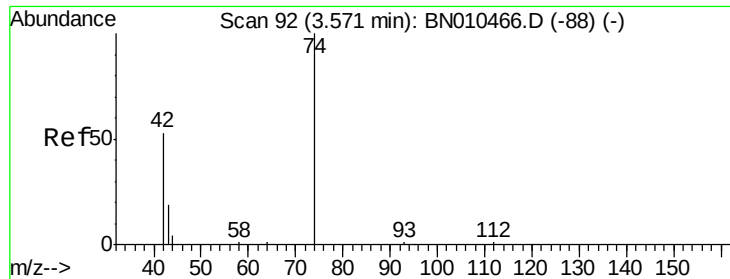
1,4-Dioxane
Concen: 0.431 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion: 88 Resp: 1225
Ion Ratio Lower Upper
88 100
58 45.3 36.5 54.7
43 34.4 13.2 19.8#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0



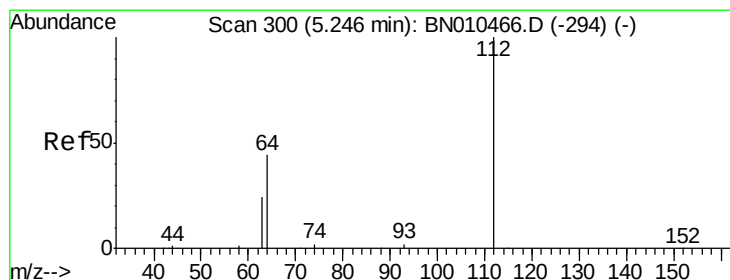
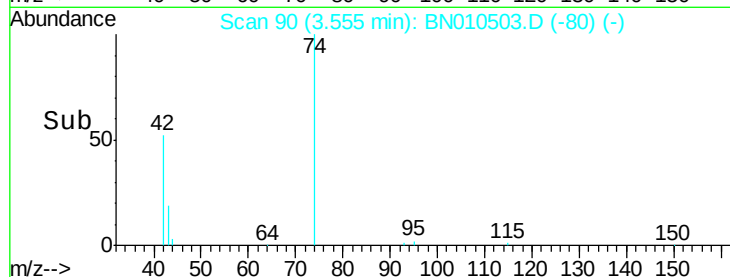
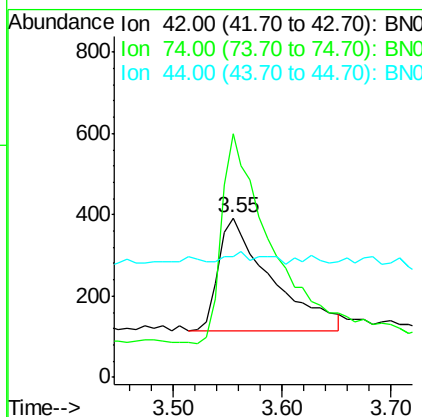
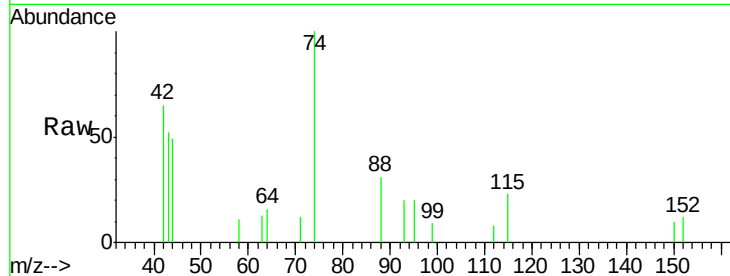


#3

n-Nitrosodimethylamine
 Concen: 0.505 ng
 RT: 3.55 min Scan# 90
 Delta R.T. -0.02 min
 Lab File: BN010503.D
 Acq: 15 Apr 2020 10:55

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

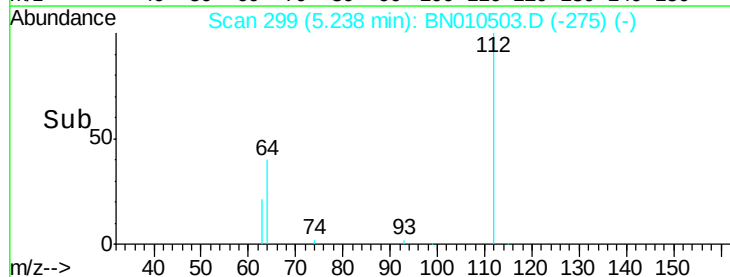
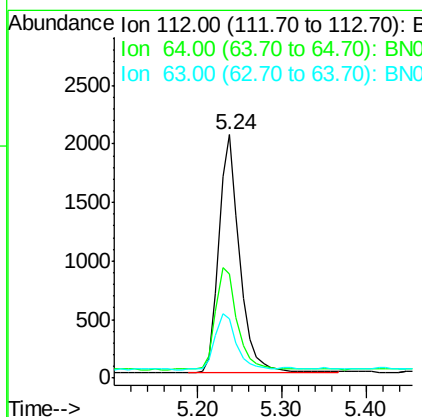
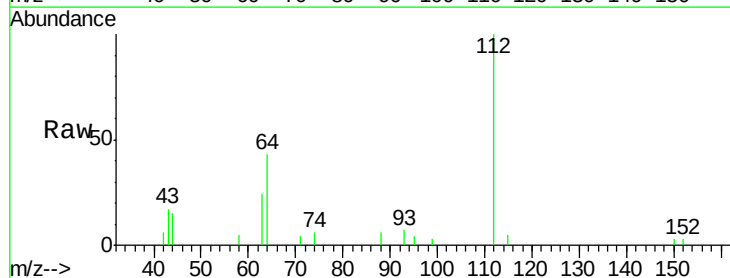
Tot Ion: 42 Resp: 931
 Ion Ratio Lower Upper
 42 100
 74 174.7 162.2 243.4
 44 6.6 2.4 3.6#

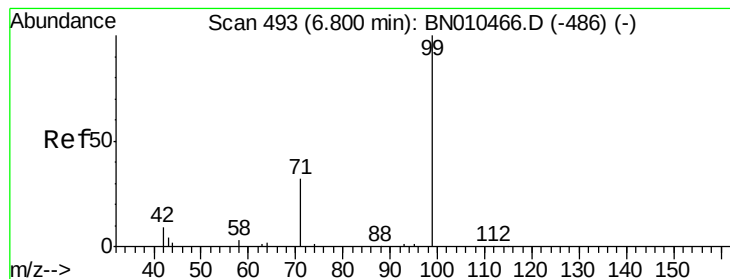


#4

2-Fluorophenol
 Concen: 0.408 ng
 RT: 5.24 min Scan# 299
 Delta R.T. -0.01 min
 Lab File: BN010503.D
 Acq: 15 Apr 2020 10:55

Tgt Ion: 112 Resp: 3451
 Ion Ratio Lower Upper
 112 100
 64 44.0 35.8 53.8
 63 24.2 19.9 29.9





#5

Phenol-d6

Concen: 0.435 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.02 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

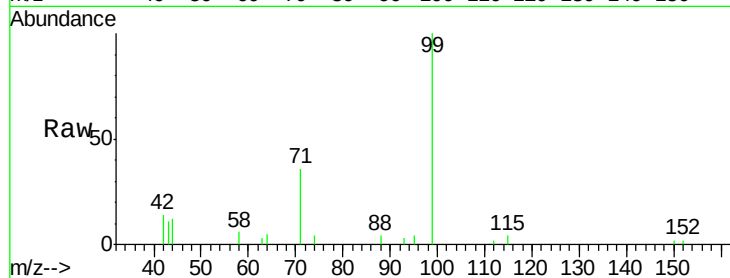
Tot Ion: 99 Resp: 4809

Ion Ratio Lower Upper

99 100

42 12.5 9.8 14.6

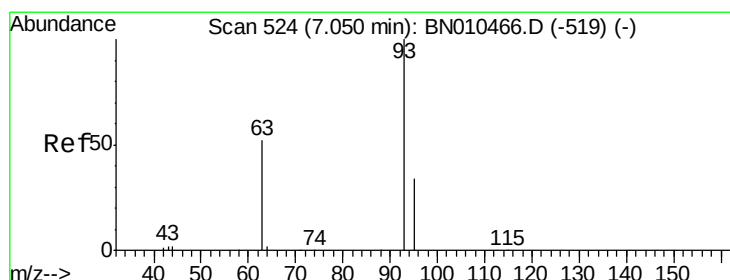
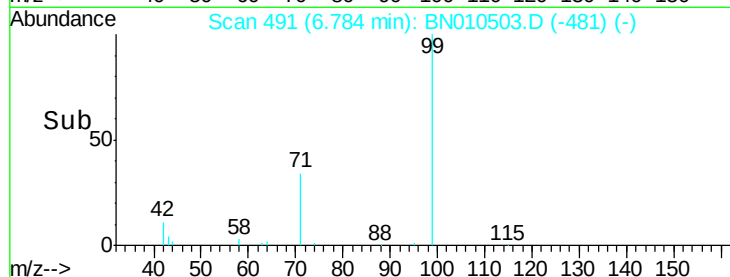
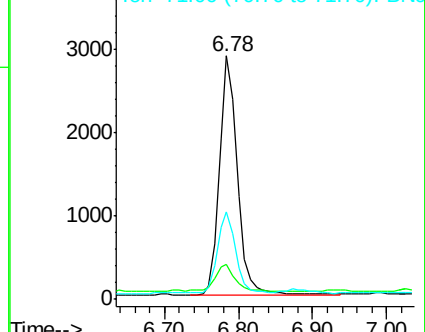
71 33.5 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.441 ng

RT: 7.03 min Scan# 522

Delta R.T. -0.02 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

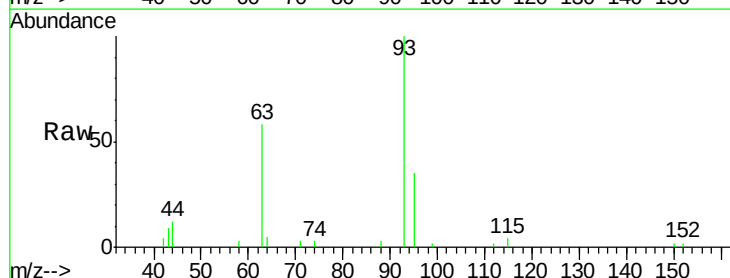
Tgt Ion: 93 Resp: 4226

Ion Ratio Lower Upper

93 100

63 56.9 44.6 66.8

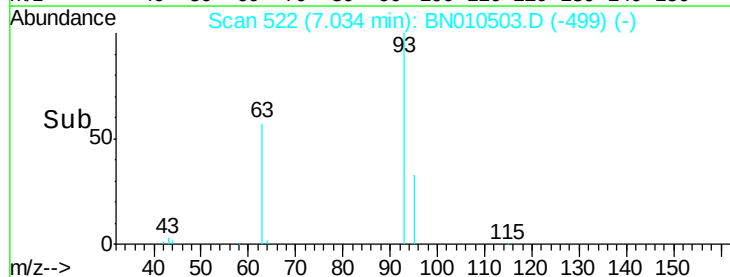
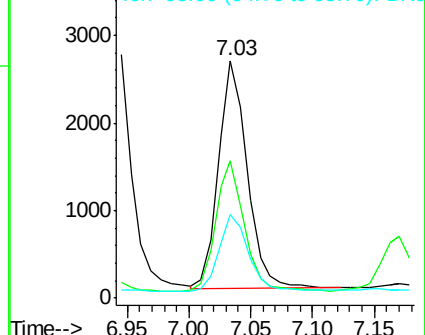
95 34.6 26.5 39.7

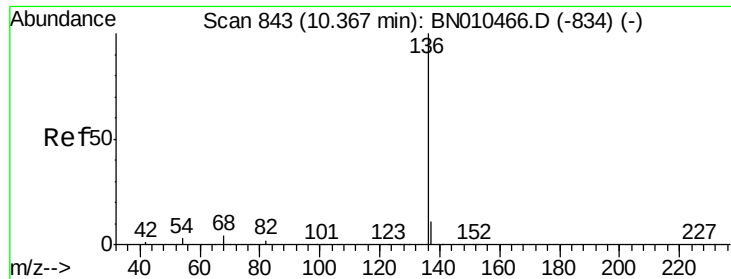


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 16164

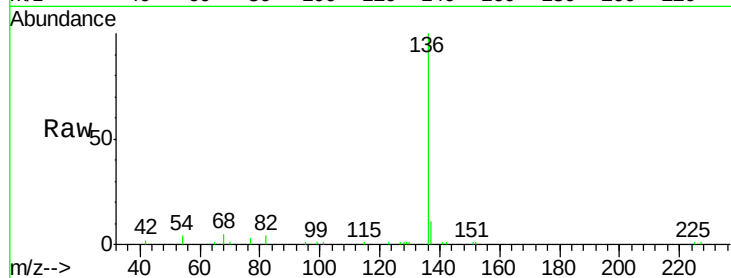
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 4.3 2.6 4.0#

68 5.3 3.4 5.2#

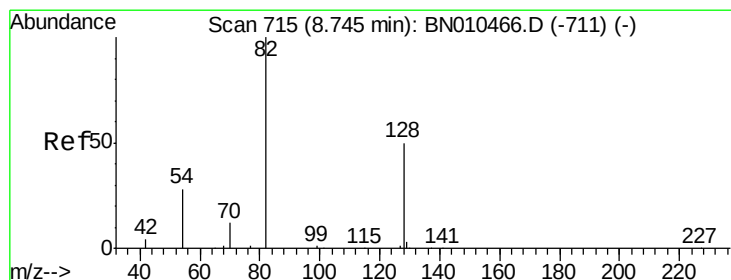
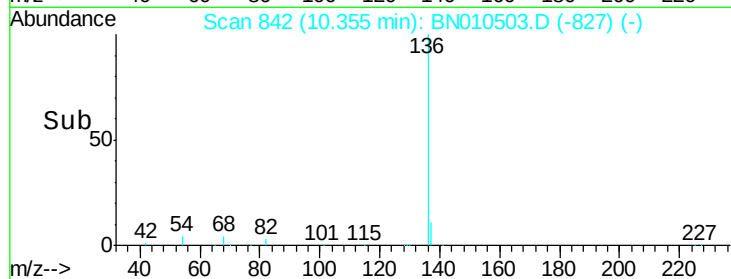
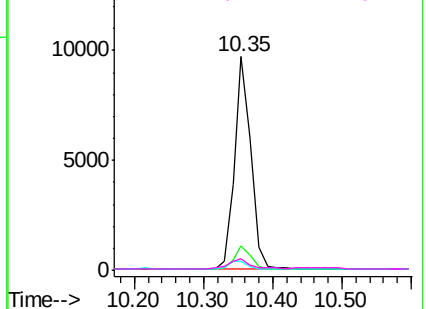


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.425 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

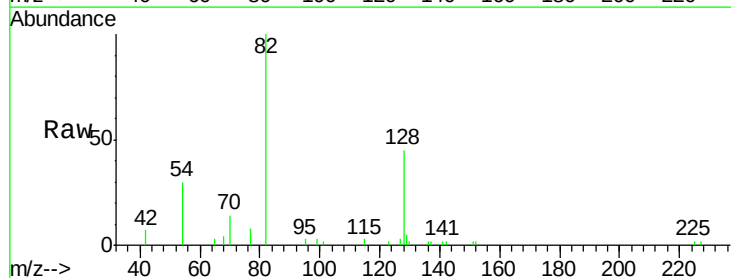
Tgt Ion: 82 Resp: 4799

Ion Ratio Lower Upper

82 100

128 45.5 41.3 61.9

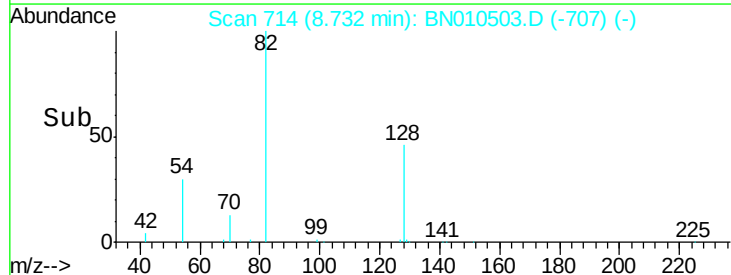
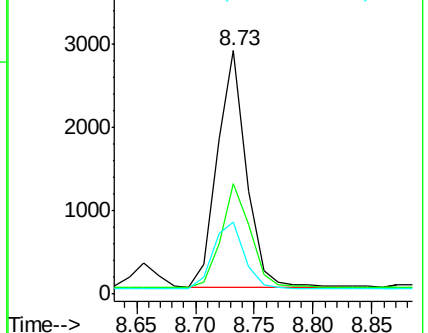
54 29.6 23.4 35.0

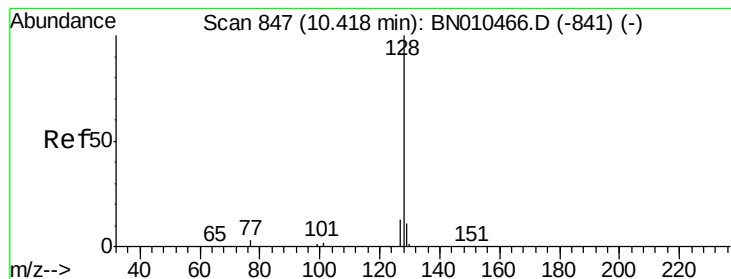


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.435 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

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BNA_N

ClientSampleId :

SSTDCCC0.4

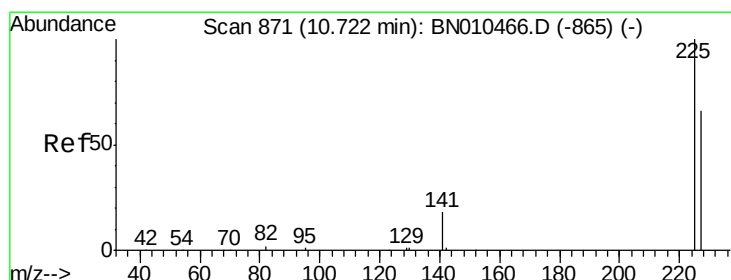
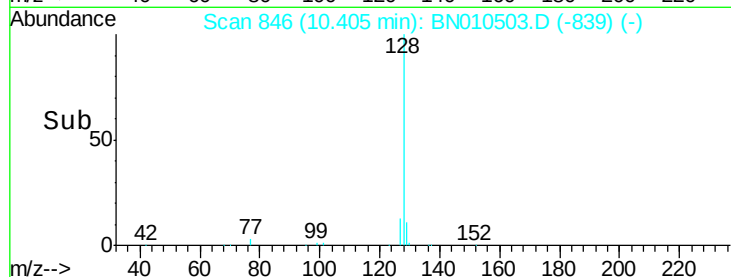
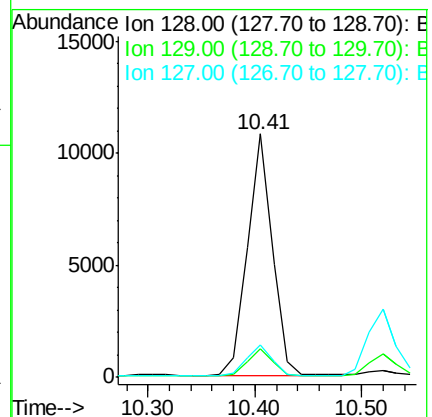
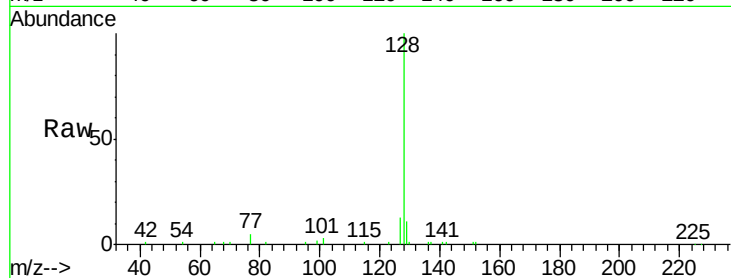
Tot Ion:128 Resp: 17474

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

127 13.3 10.5 15.7



#10

Hexachlorobutadiene

Concen: 0.406 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

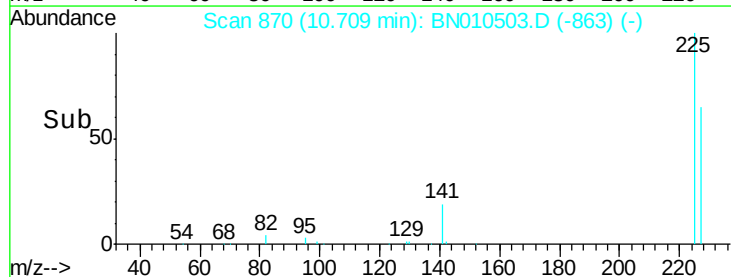
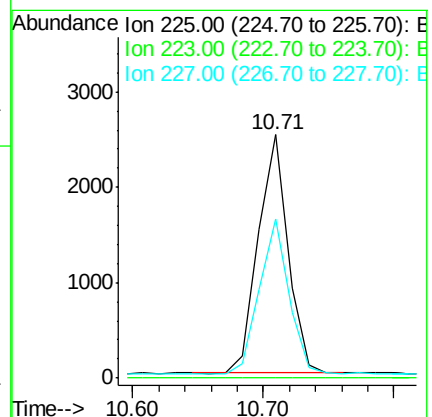
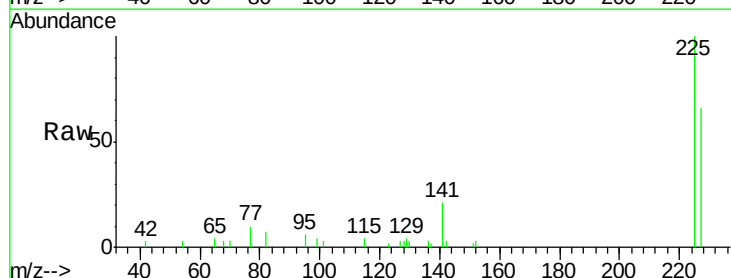
Tgt Ion:225 Resp: 3929

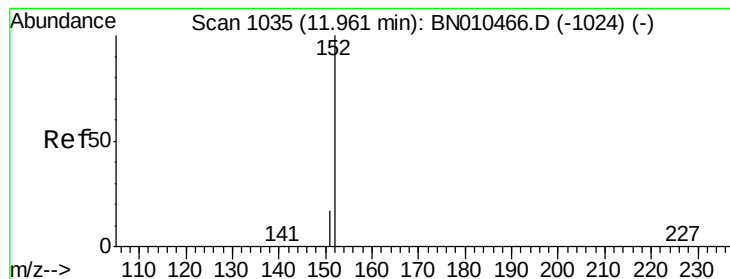
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.6 50.6 76.0





#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

RT: 11.95 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

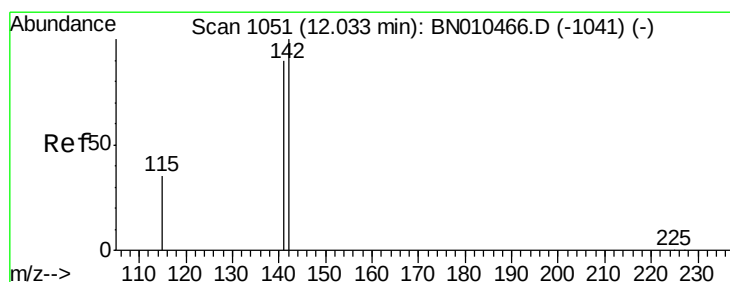
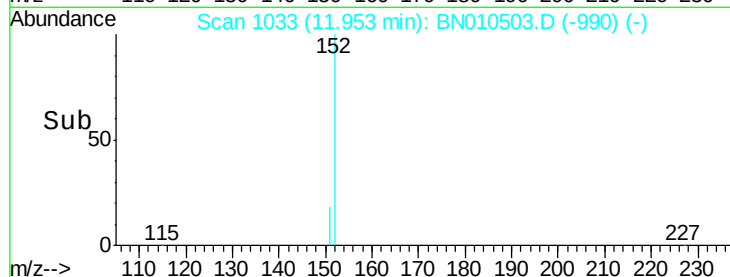
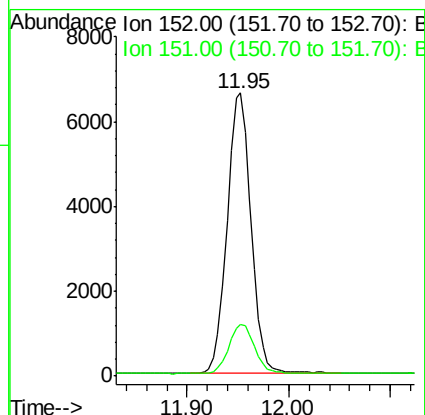
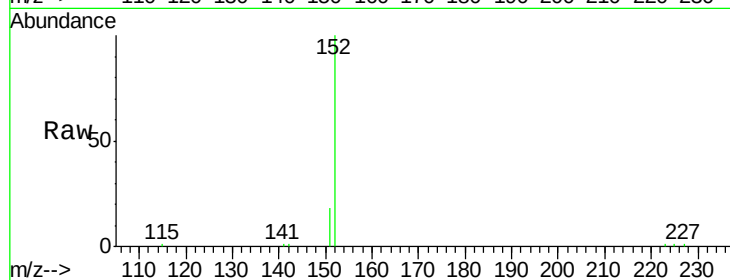
SSTDCCC0.4

Tot Ion:152 Resp: 10847

Ion Ratio Lower Upper

152 100

151 19.2 15.3 22.9



#12

2-Methylnaphthalene

Concen: 0.443 ng

RT: 12.02 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

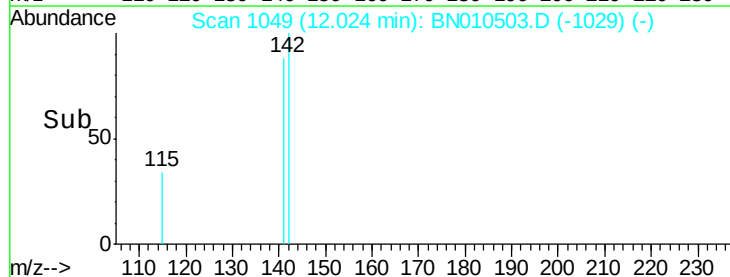
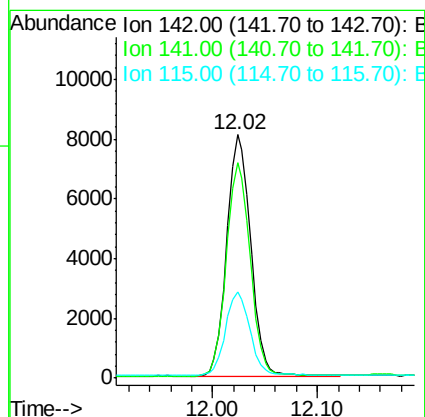
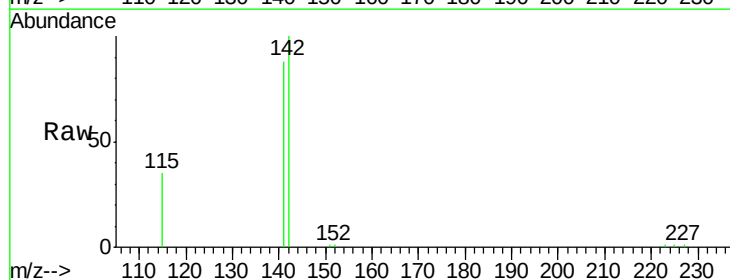
Tgt Ion:142 Resp: 12786

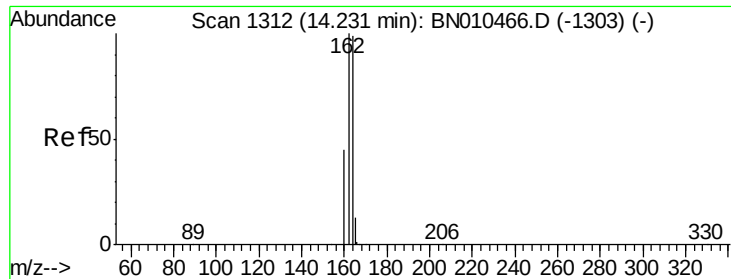
Ion Ratio Lower Upper

142 100

141 88.3 71.9 107.9

115 35.2 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

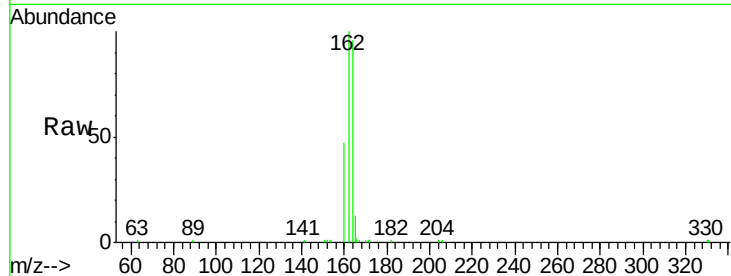
Tot Ion:164 Resp: 10614

Ion Ratio Lower Upper

164 100

162 103.7 80.6 121.0

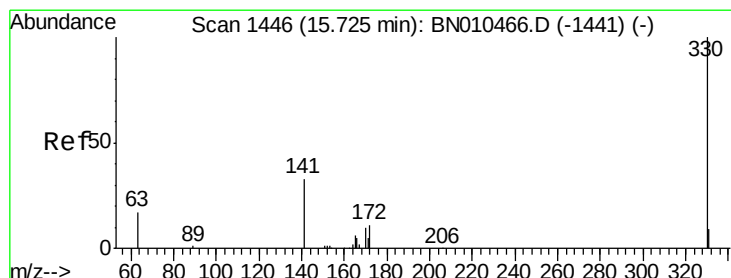
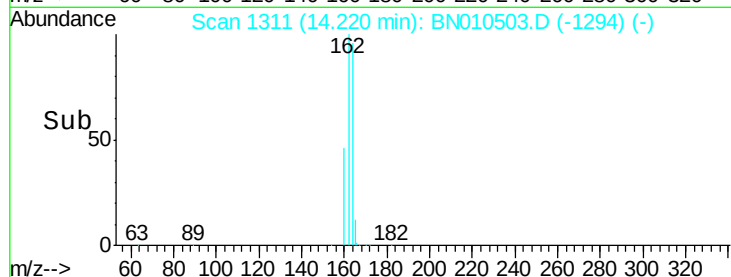
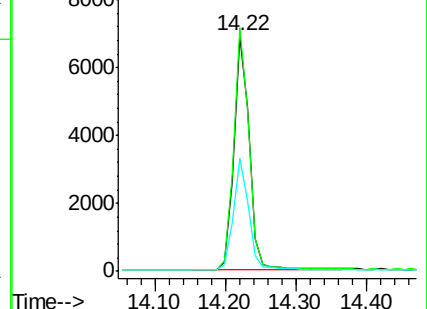
160 48.3 36.5 54.7



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: 0.391 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

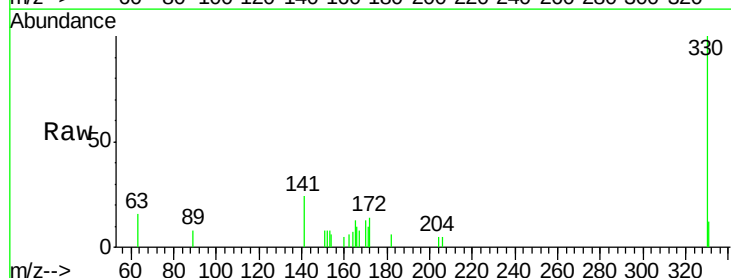
Tgt Ion:330 Resp: 1958

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

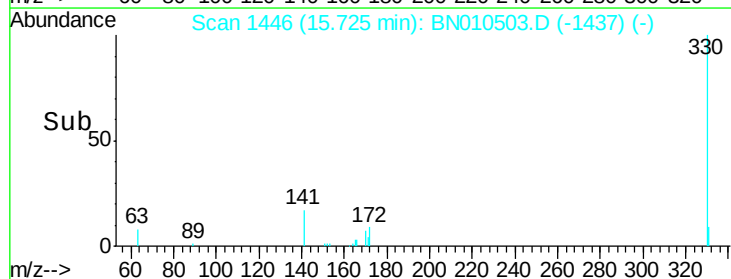
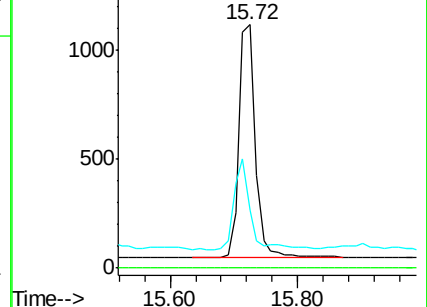
141 39.1 28.1 42.1

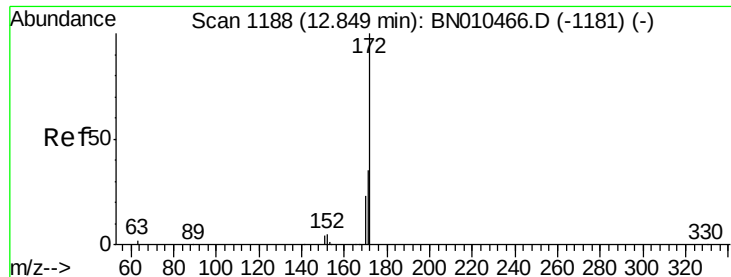


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

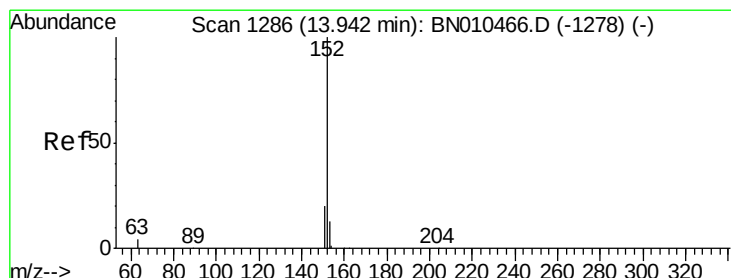
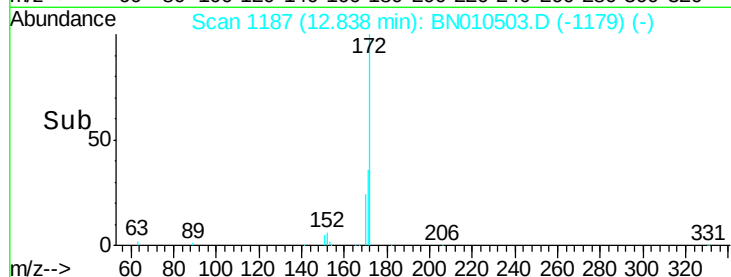
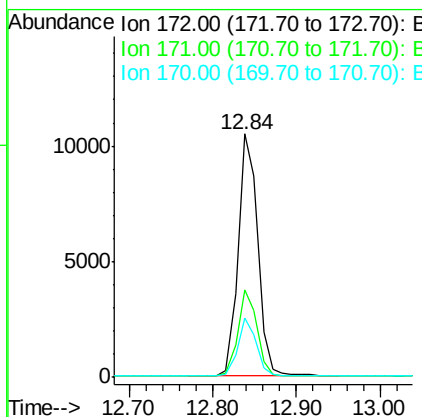
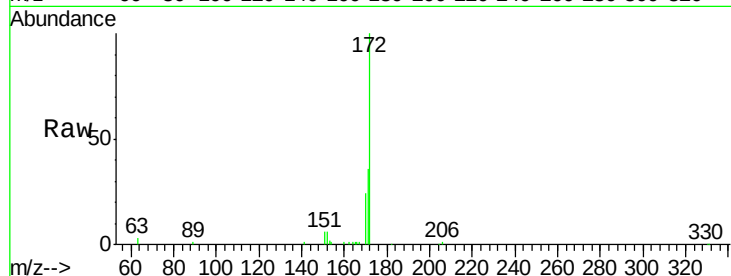




#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 12.84 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

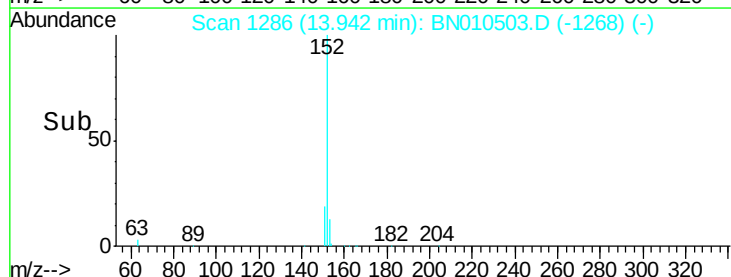
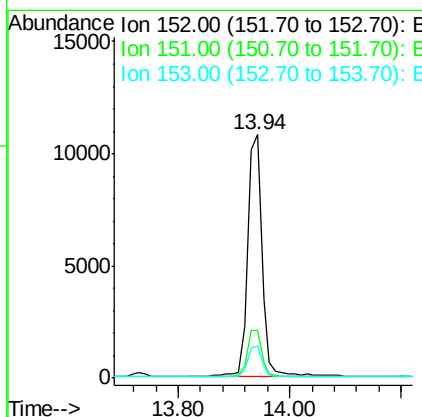
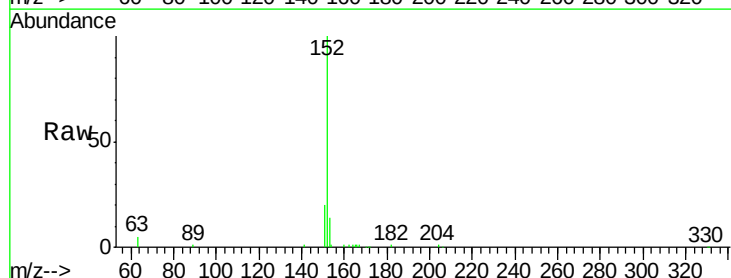
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

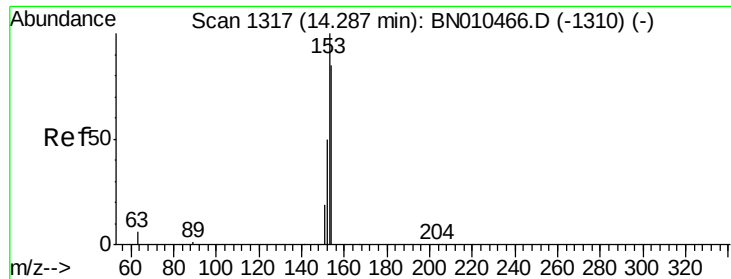
Tot Ion:172 Resp: 17174
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 24.1 18.4 27.6



#16
Acenaphthylene
Concen: 0.419 ng
RT: 13.94 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN010503.D
Acq: 15 Apr 2020 10:55

Tgt Ion:152 Resp: 19221
Ion Ratio Lower Upper
152 100
151 19.4 15.7 23.5
153 13.1 10.6 15.8





#17

Acenaphthene

Concen: 0.426 ng

RT: 14.29 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

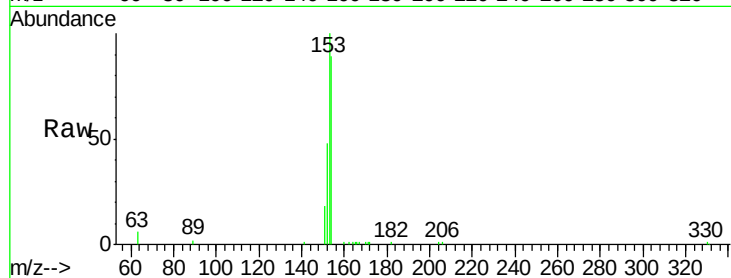
Tot Ion:154 Resp: 12547

Ion Ratio Lower Upper

154 100

153 112.3 91.0 136.4

152 55.1 44.6 67.0



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

12000

10000

8000

6000

4000

2000

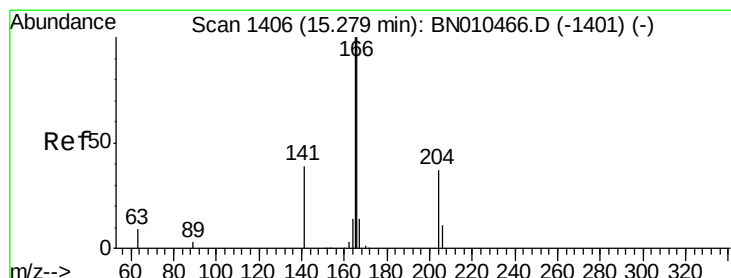
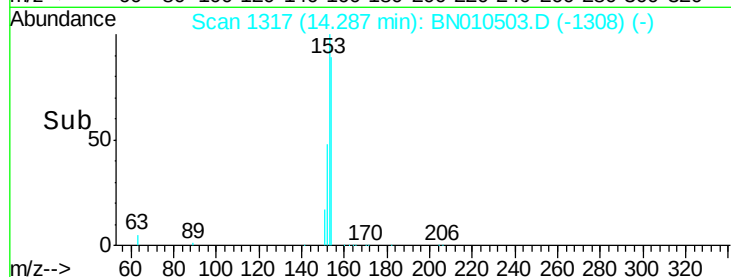
0

14.29

14.30

14.40

Time-->



#18

Fluorene

Concen: 0.429 ng

RT: 15.28 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

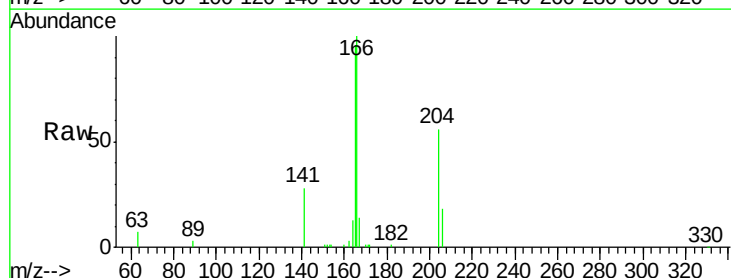
Tgt Ion:166 Resp: 16551

Ion Ratio Lower Upper

166 100

165 97.9 78.4 117.6

167 13.6 10.9 16.3



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

15000

10000

5000

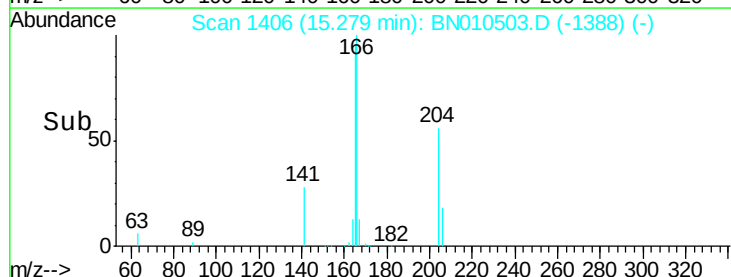
0

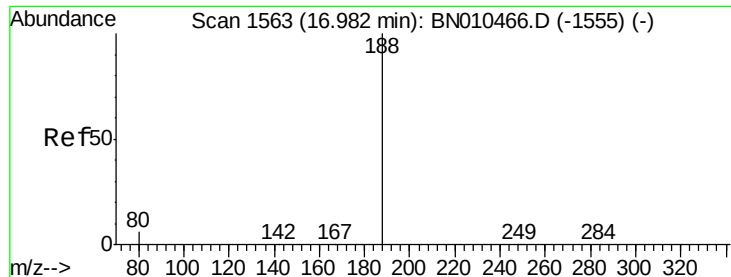
15.28

15.30

15.40

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.97 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

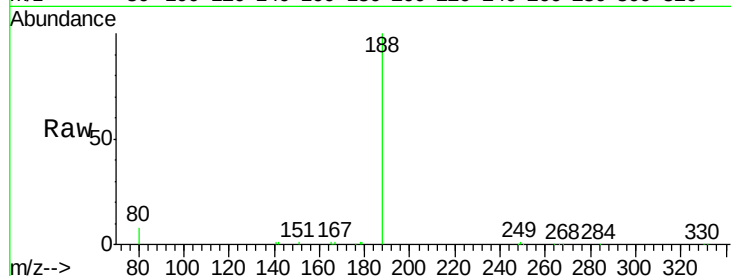
Tot Ion:188 Resp: 24189

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

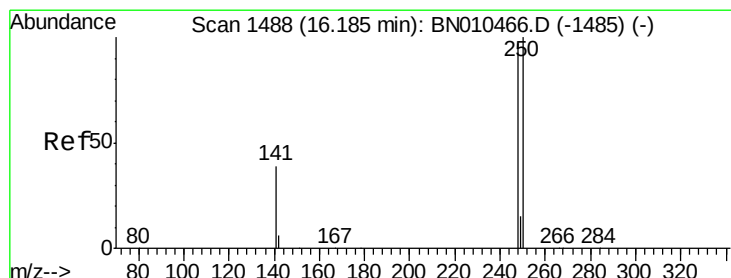
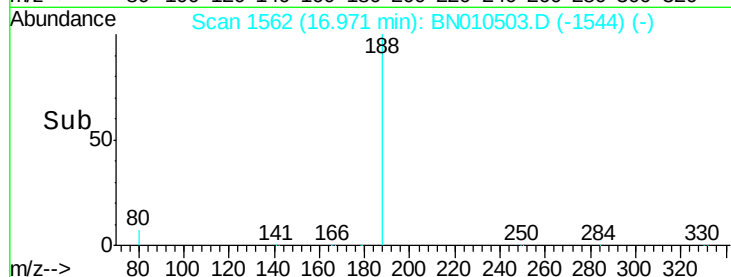
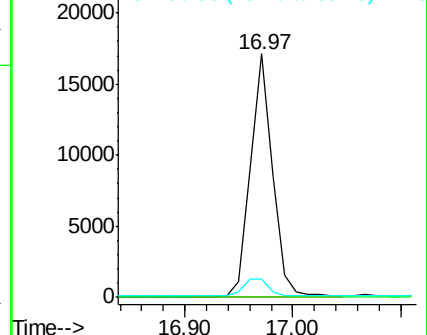
80 7.6 5.0 7.6#



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: 0.409 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

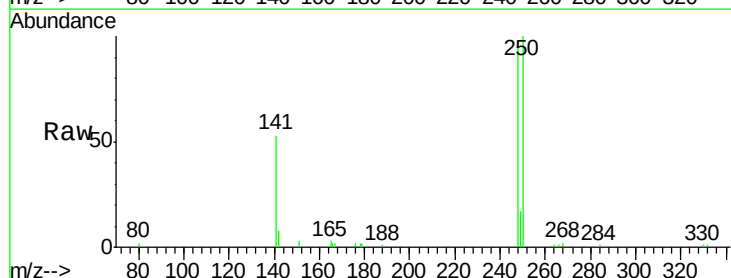
Tgt Ion:248 Resp: 5496

Ion Ratio Lower Upper

248 100

250 102.5 82.3 123.5

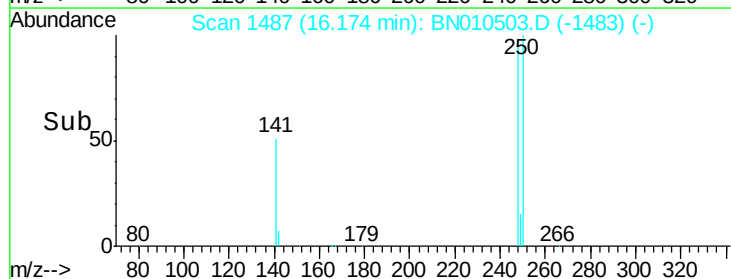
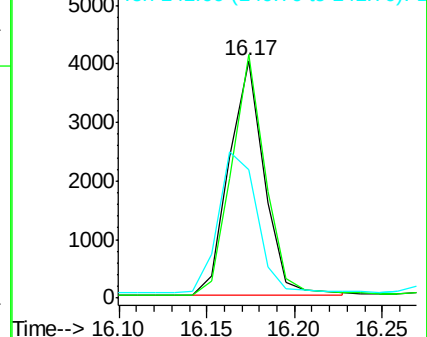
141 54.1 35.2 52.8#

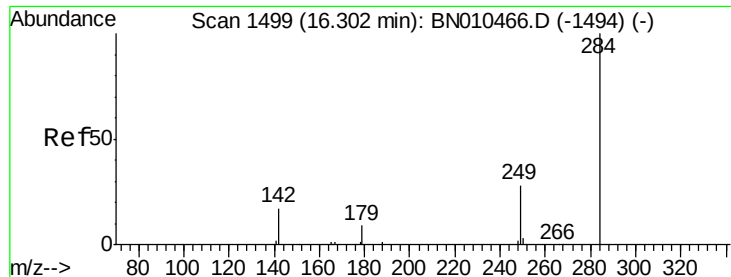


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.424 ng

RT: 16.29 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

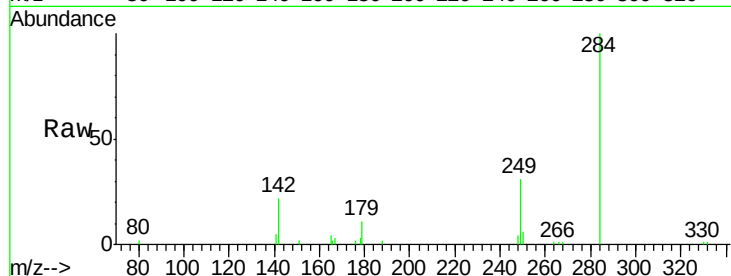
Tot Ion:284 Resp: 6497

Ion Ratio Lower Upper

284 100

142 32.7 25.5 38.3

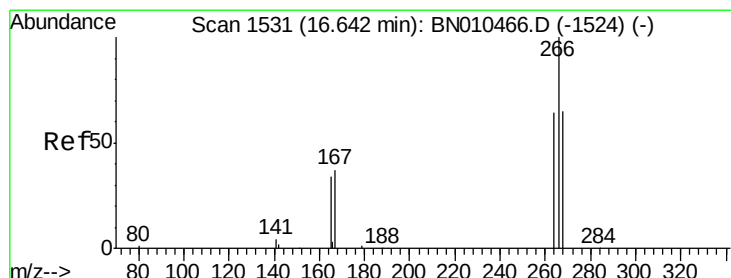
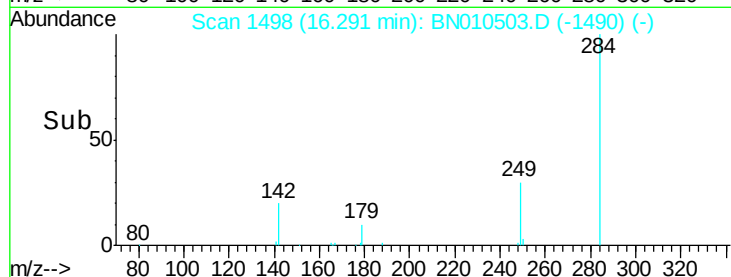
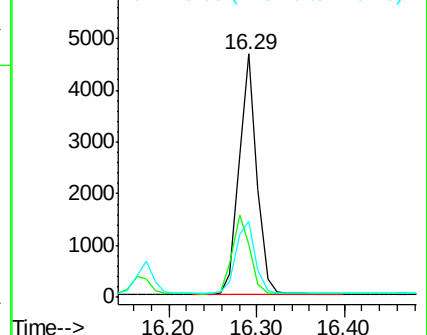
249 32.2 25.8 38.6



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: 0.414 ng

RT: 16.63 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

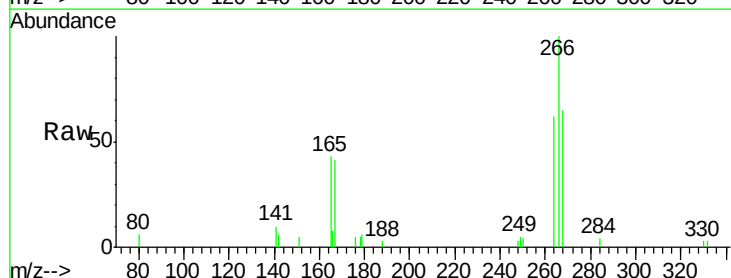
Tgt Ion:266 Resp: 2496

Ion Ratio Lower Upper

266 100

264 62.5 51.8 77.6

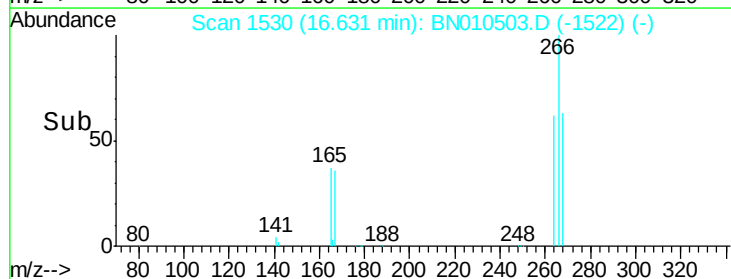
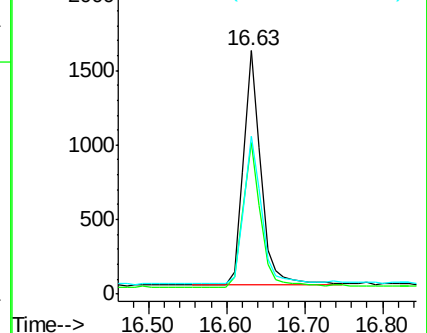
268 65.0 53.7 80.5

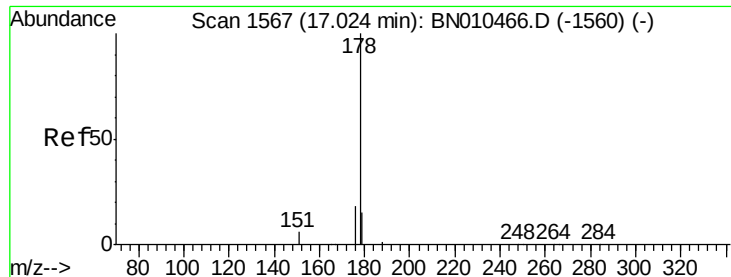


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.446 ng

RT: 17.01 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

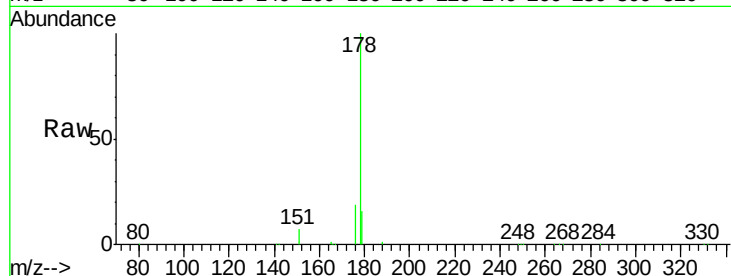
Tot Ion:178 Resp: 29167

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

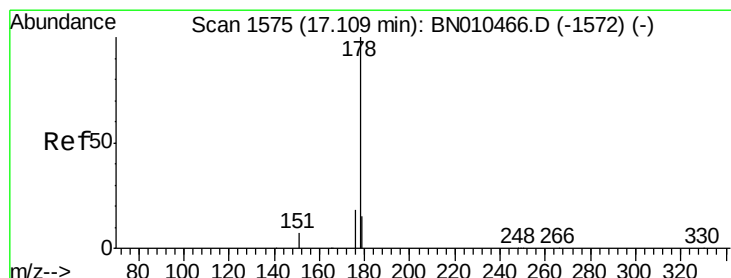
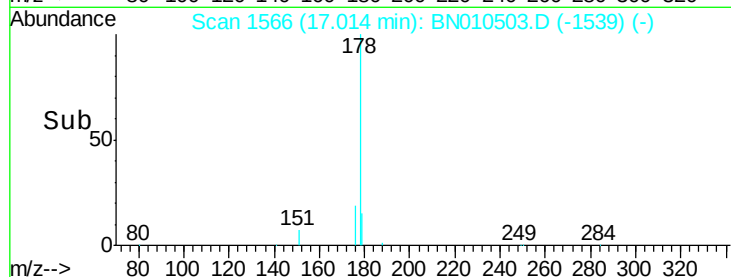
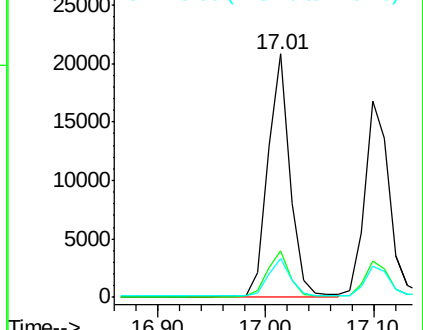
179 15.8 12.6 18.8



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: 0.447 ng

RT: 17.10 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

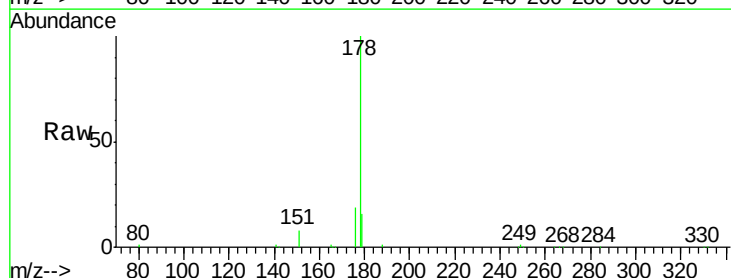
Tgt Ion:178 Resp: 26668

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

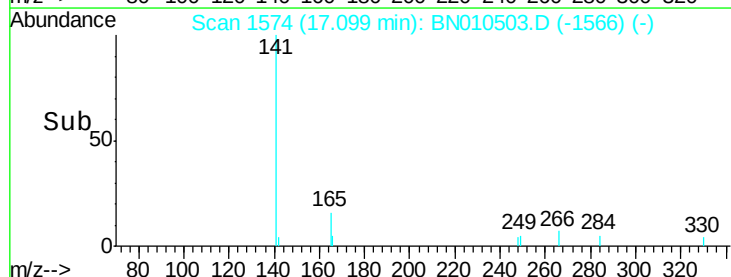
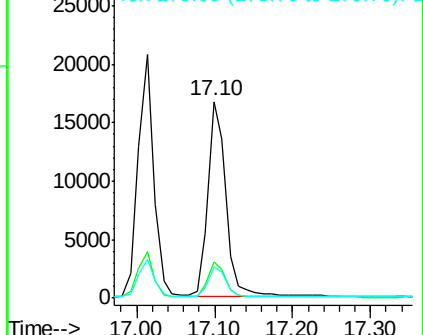
179 15.2 12.2 18.2

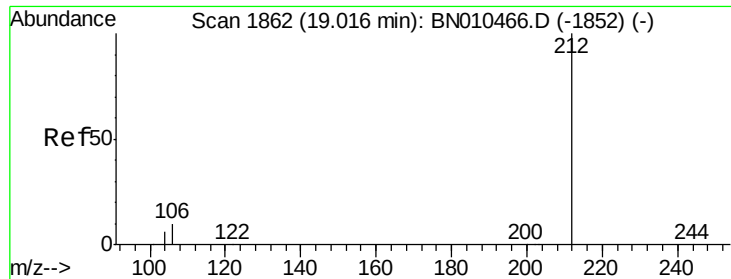


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

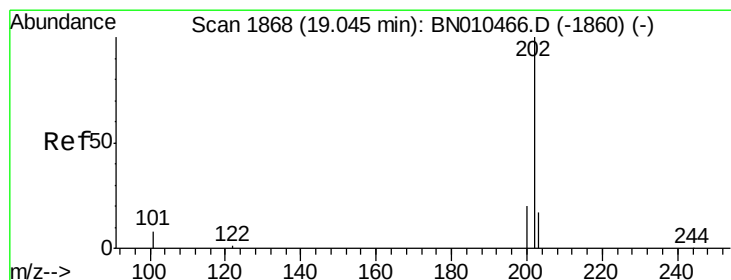
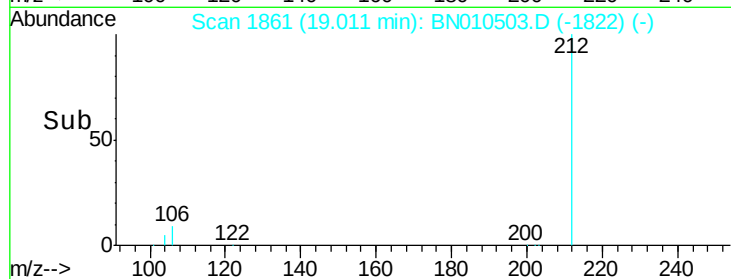
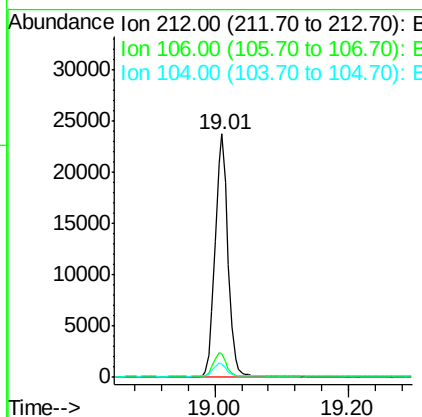
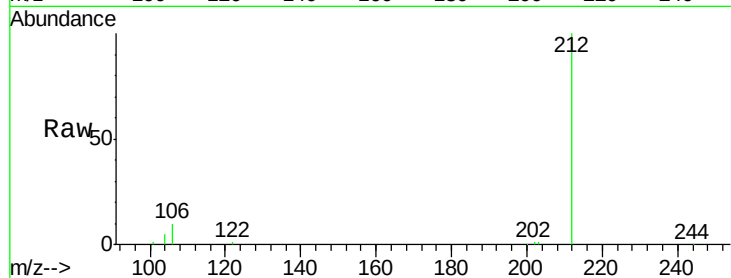




#25
 Fluoranthene-d10
 Concen: 0.433 ng
 RT: 19.01 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BN010503.D
 Acq: 15 Apr 2020 10:55

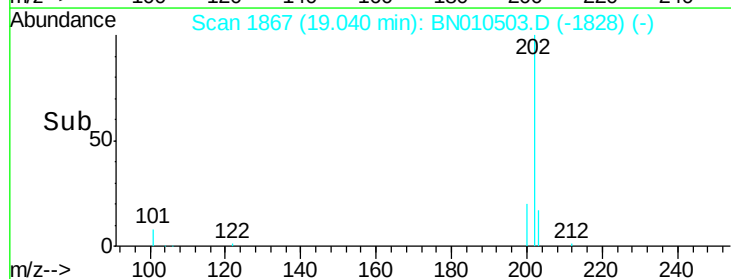
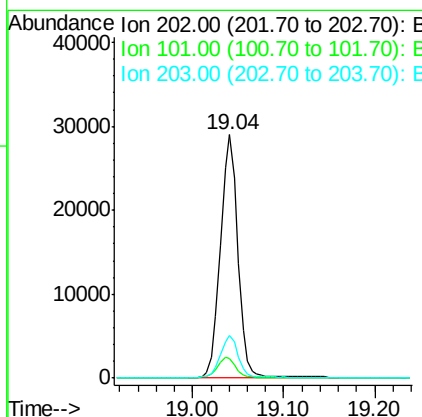
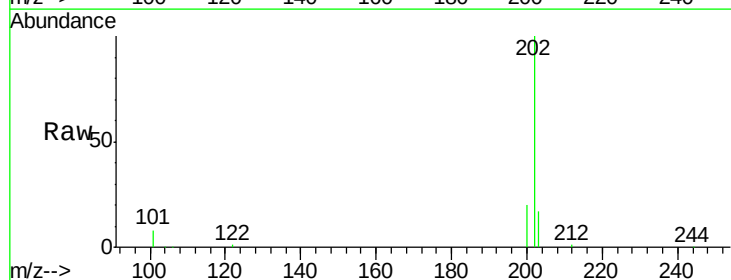
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

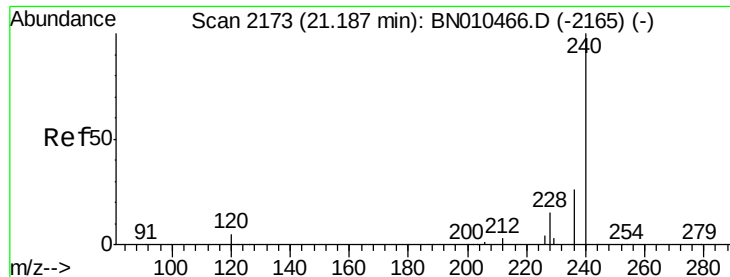
Tot Ion:212 Resp: 31786
 Ion Ratio Lower Upper
 212 100
 106 10.1 7.8 11.6
 104 5.6 4.5 6.7



#26
 Fluoranthene
 Concen: 0.467 ng
 RT: 19.04 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: BN010503.D
 Acq: 15 Apr 2020 10:55

Tgt Ion:202 Resp: 38010
 Ion Ratio Lower Upper
 202 100
 101 8.5 6.9 10.3
 203 17.1 13.9 20.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.18 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

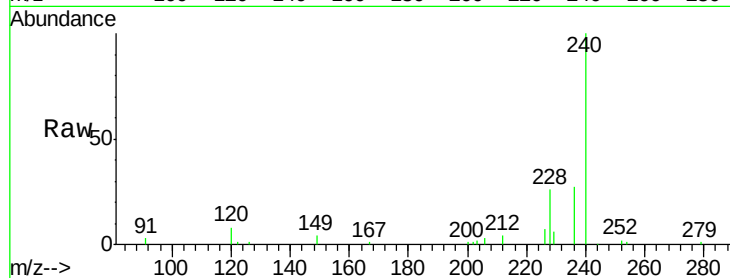
Tot Ion:240 Resp: 27926

Ion Ratio Lower Upper

240 100

120 8.3 4.8 7.2#

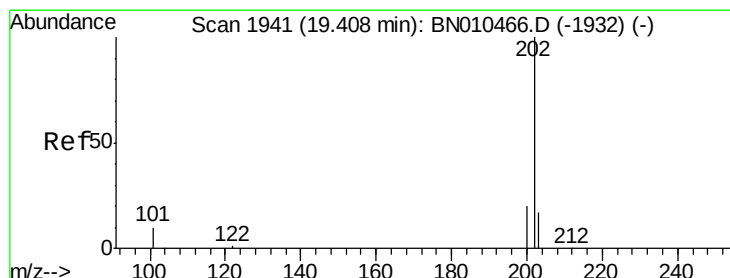
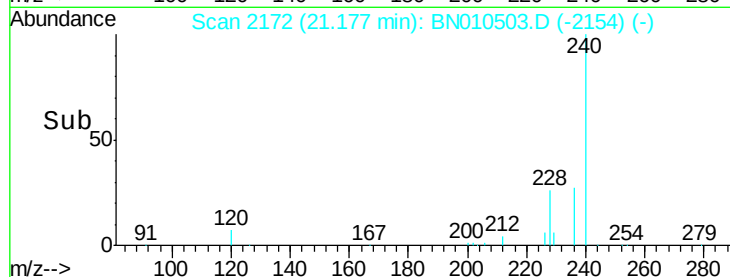
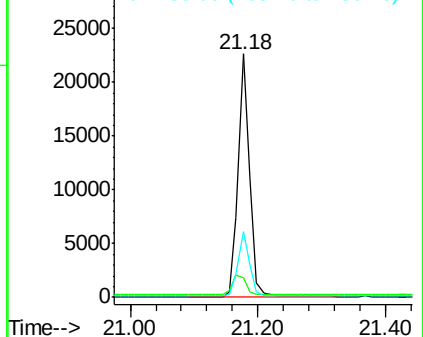
236 27.0 21.4 32.0



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: 0.421 ng

RT: 19.40 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

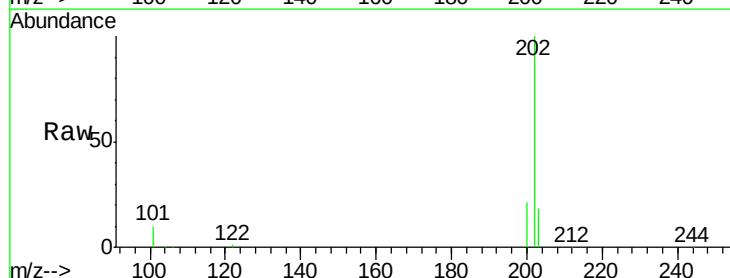
Tgt Ion:202 Resp: 39537

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

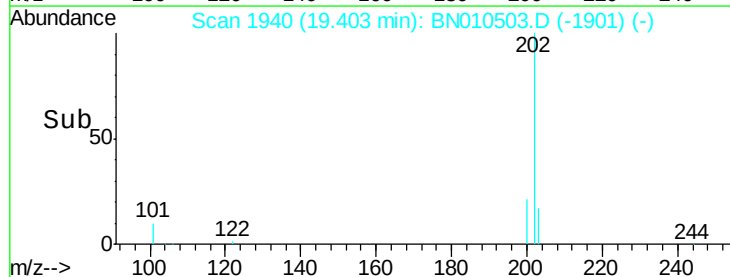
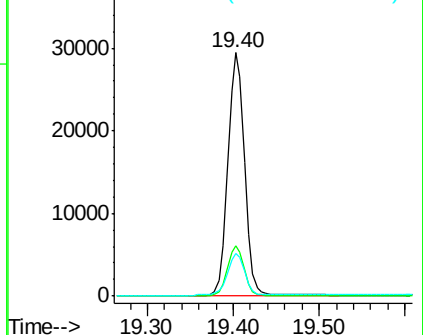
203 17.9 14.0 21.0

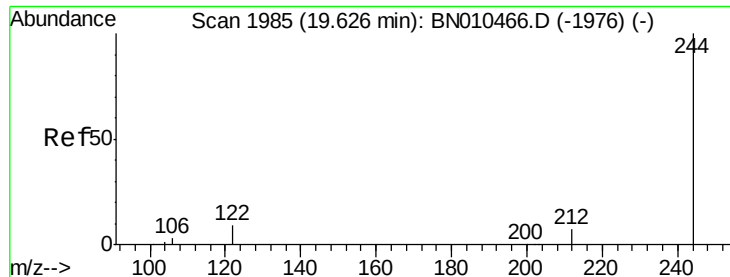


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.455 ng

RT: 19.62 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

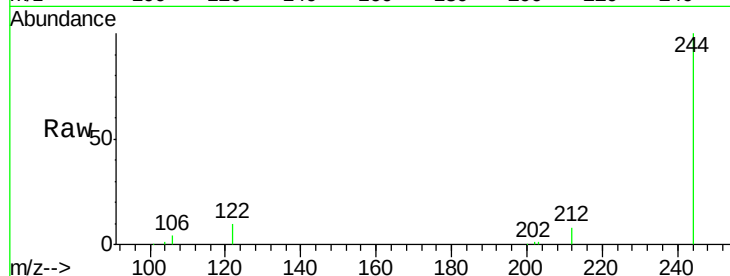
Tot Ion:244 Resp: 29106

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

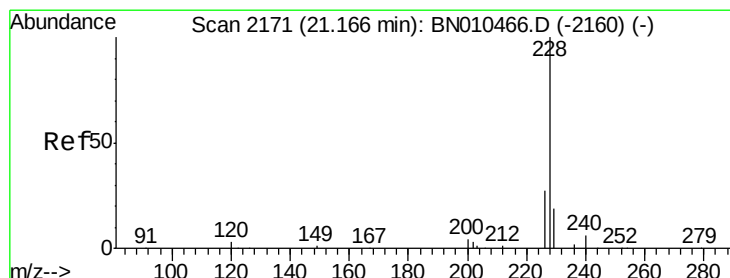
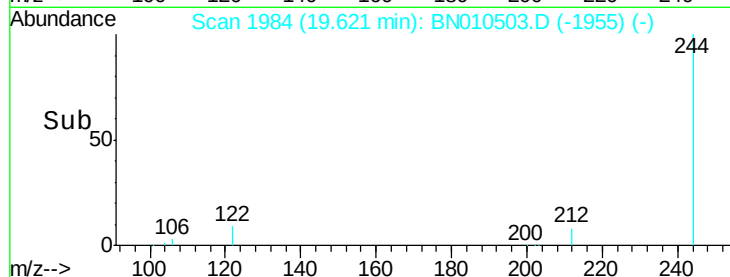
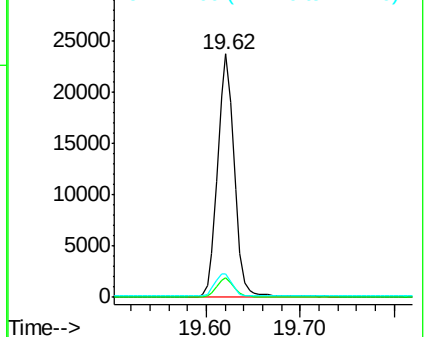
122 9.6 7.8 11.8



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: 0.419 ng

RT: 21.17 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

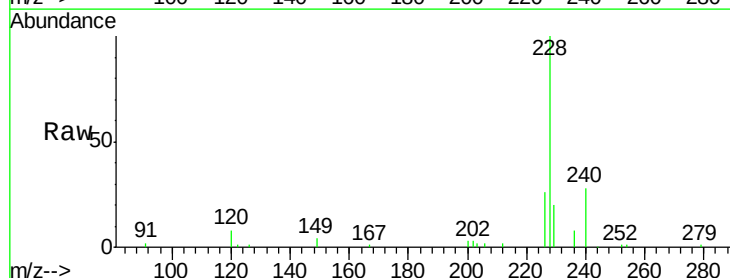
Tgt Ion:228 Resp: 38134

Ion Ratio Lower Upper

228 100

226 25.9 21.7 32.5

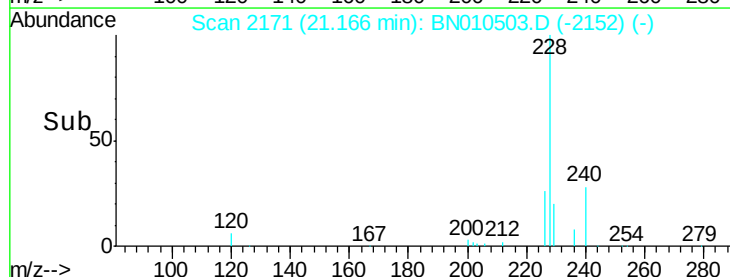
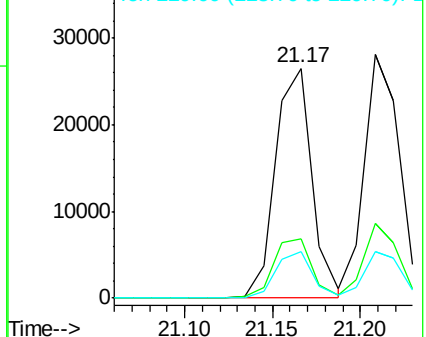
229 20.0 15.6 23.4

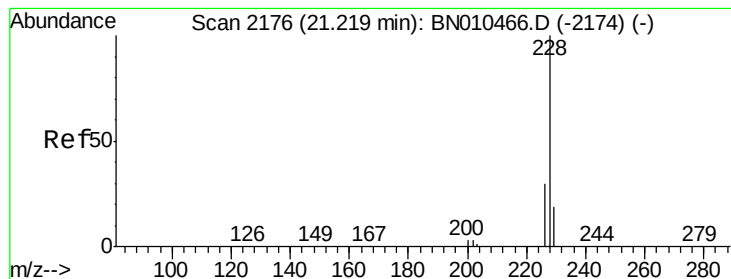


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.431 ng

RT: 21.21 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

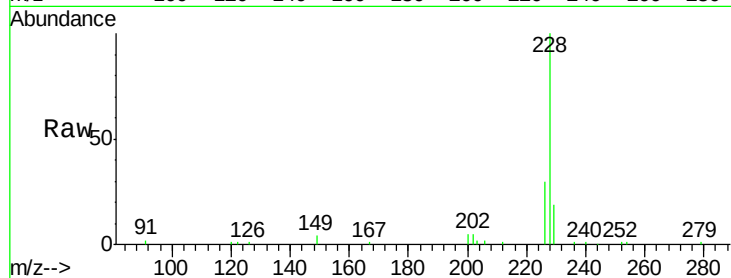
Tot Ion:228 Resp: 39151

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

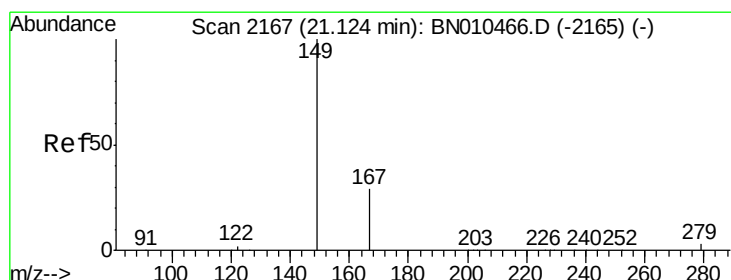
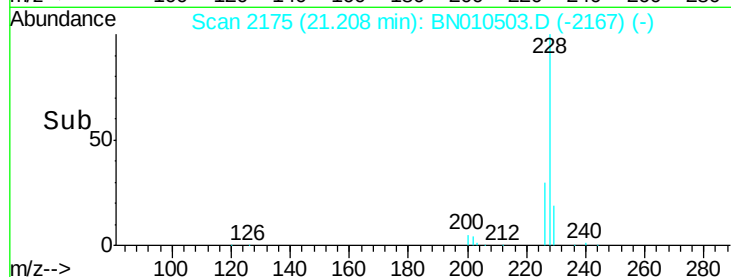
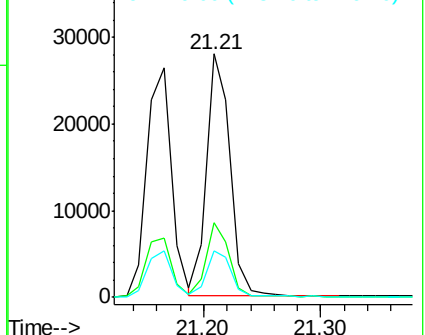
229 19.2 15.8 23.6



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: 0.342 ng

RT: 21.11 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

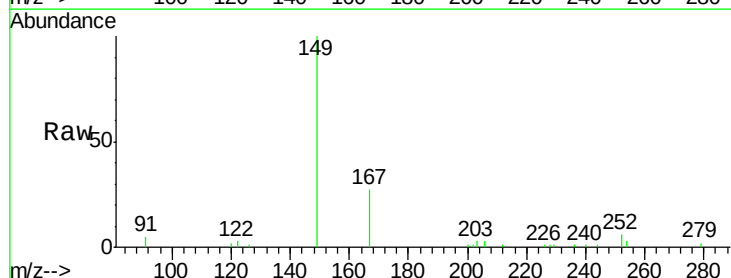
Tgt Ion:149 Resp: 16006

Ion Ratio Lower Upper

149 100

167 29.3 23.4 35.0

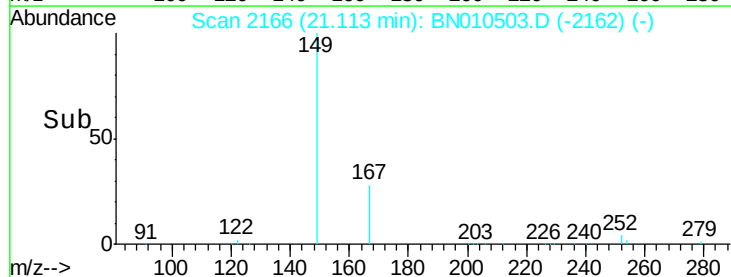
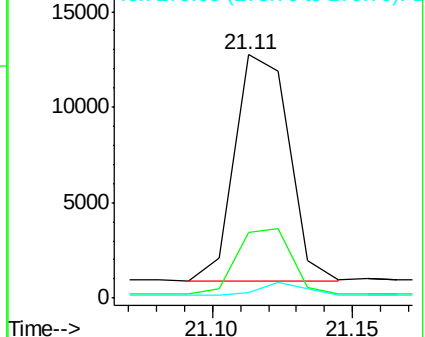
279 5.0 4.0 6.0

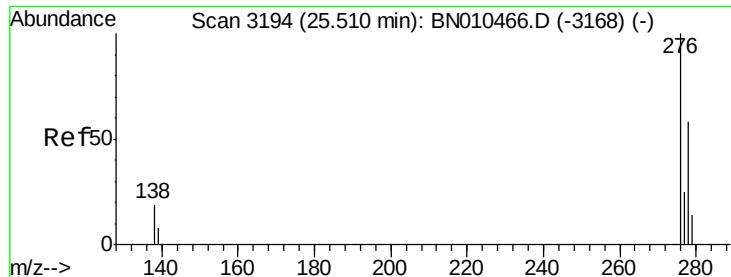


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.455 ng

RT: 25.49 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

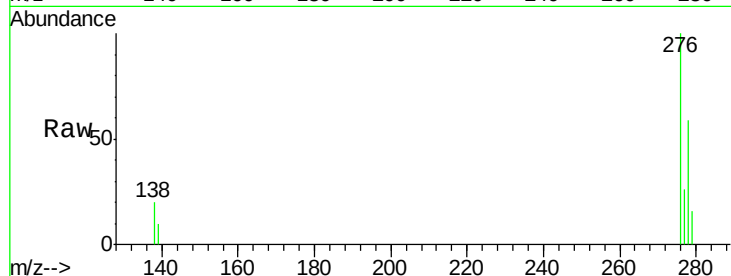
Tot Ion:276 Resp: 36529

Ion Ratio Lower Upper

276 100

138 20.8 16.4 24.6

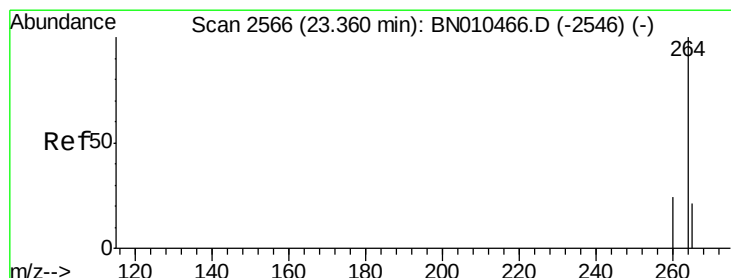
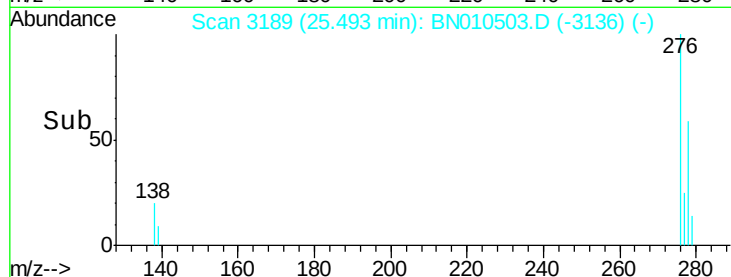
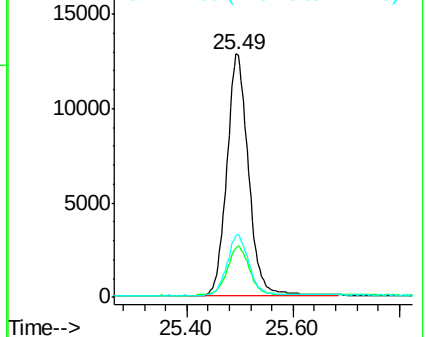
277 25.2 19.8 29.6



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: 23.35 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

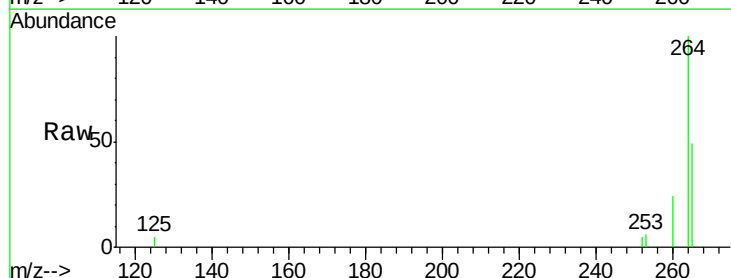
Tgt Ion:264 Resp: 25105

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

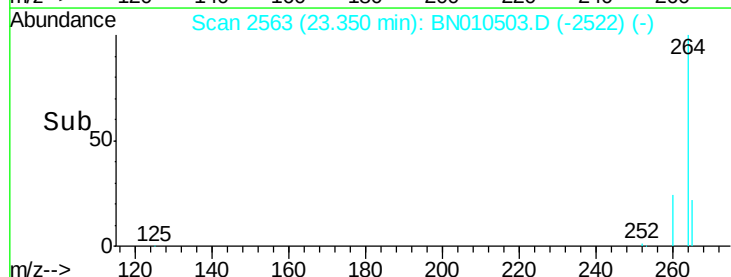
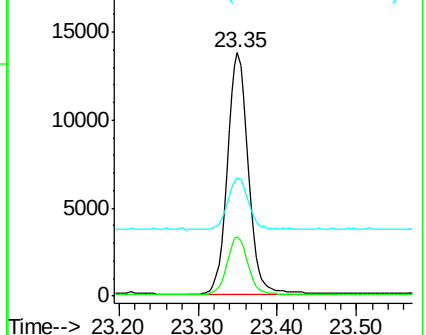
265 48.7 42.3 63.5

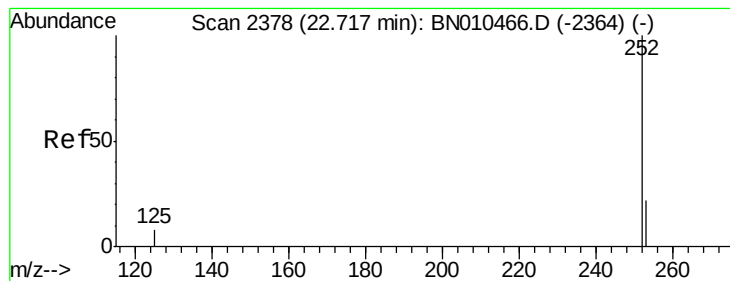


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.427 ng

RT: 22.71 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

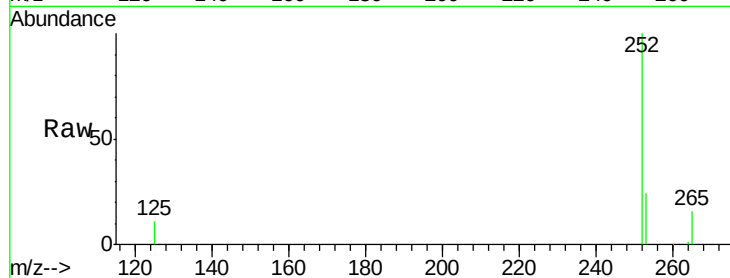
Tot Ion:252 Resp: 35331

Ion Ratio Lower Upper

252 100

253 24.5 20.2 30.4

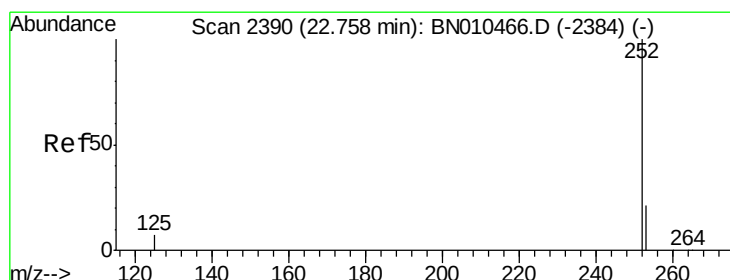
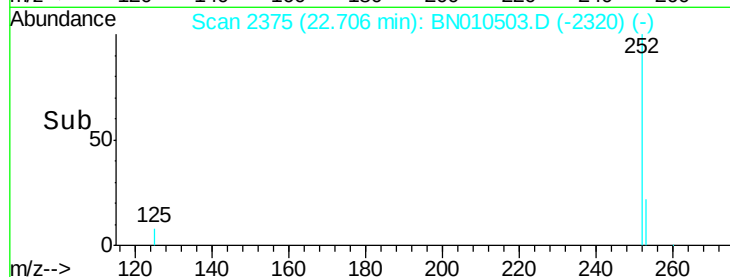
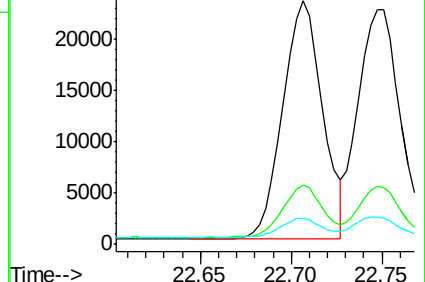
125 10.7 9.2 13.8



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: 0.444 ng

RT: 22.75 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

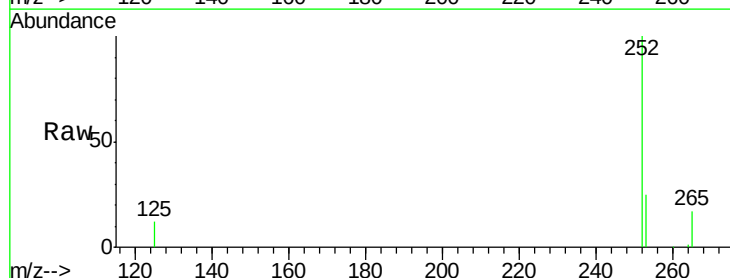
Tgt Ion:252 Resp: 36806

Ion Ratio Lower Upper

252 100

253 24.8 20.1 30.1

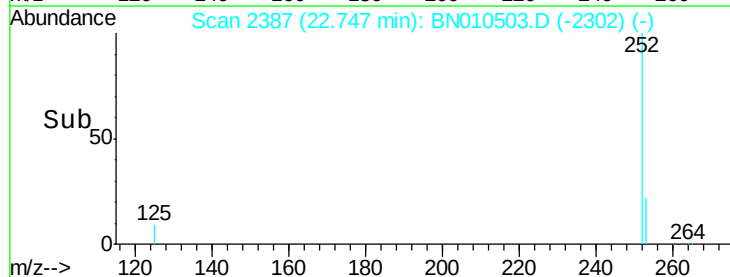
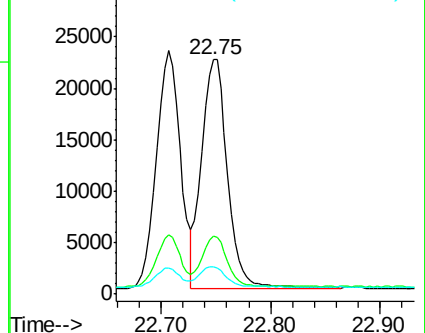
125 11.8 9.6 14.4

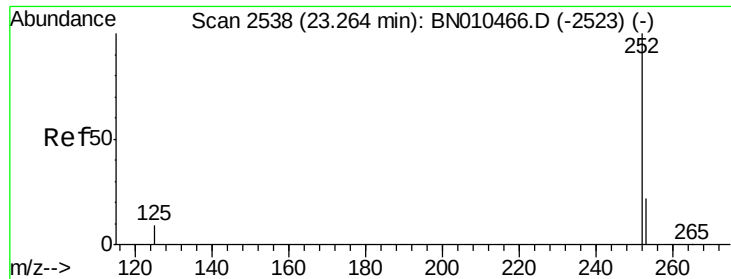


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.436 ng

RT: 23.25 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

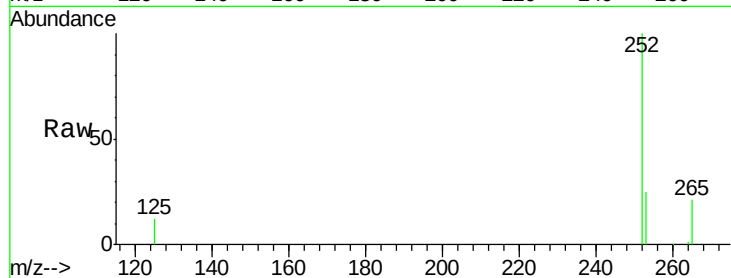
Tot Ion:252 Resp: 31936

Ion Ratio Lower Upper

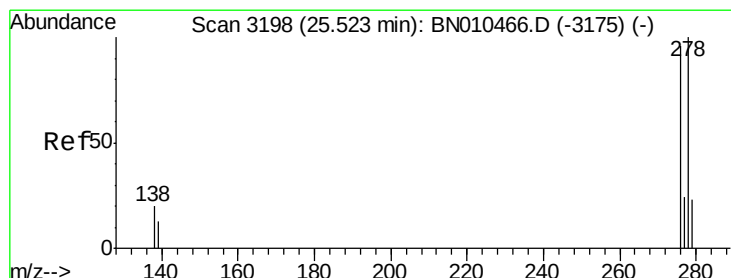
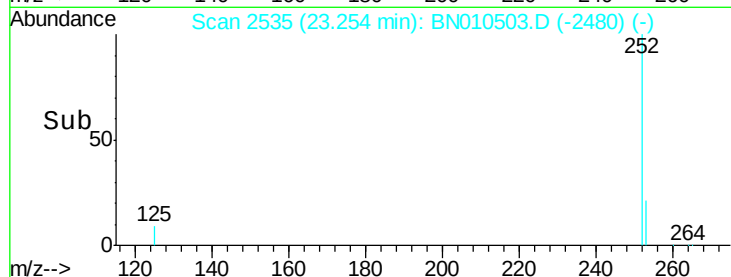
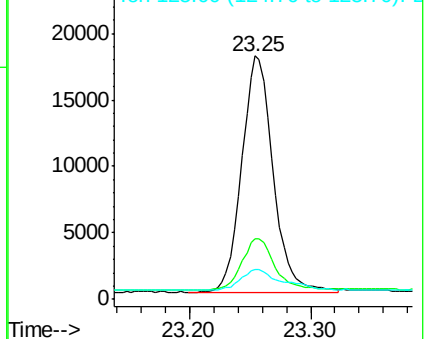
252 100

253 24.7 21.8 32.8

125 12.4 11.0 16.6



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: 0.449 ng

RT: 25.51 min Scan# 3194

Delta R.T. -0.01 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

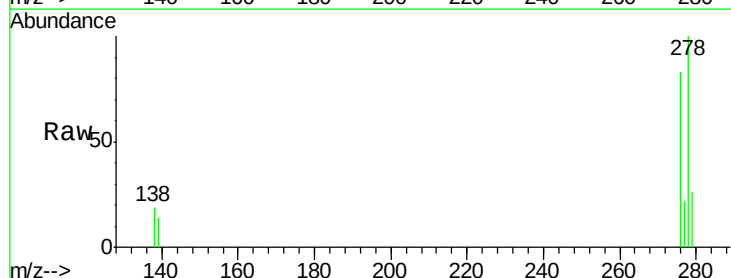
Tgt Ion:278 Resp: 30022

Ion Ratio Lower Upper

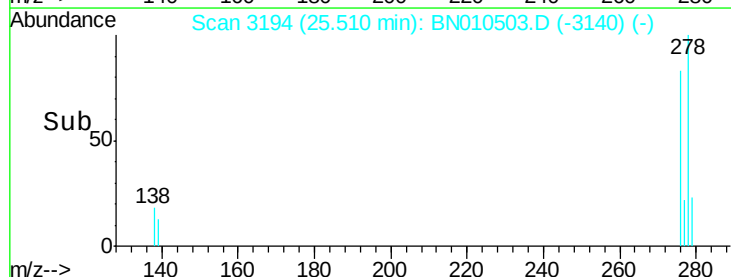
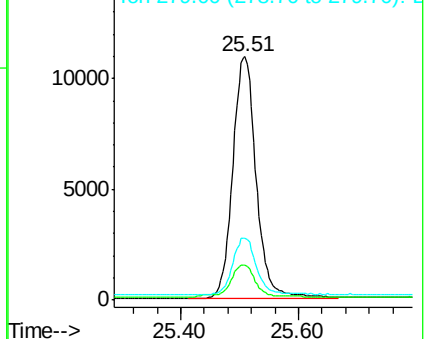
278 100

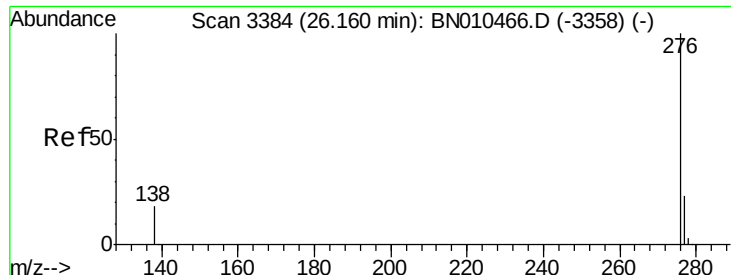
139 14.4 12.3 18.5

279 25.6 21.9 32.9



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: 0.455 ng

RT: 26.14 min Scan# 3379

Delta R.T. -0.02 min

Lab File: BN010503.D

Acq: 15 Apr 2020 10:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

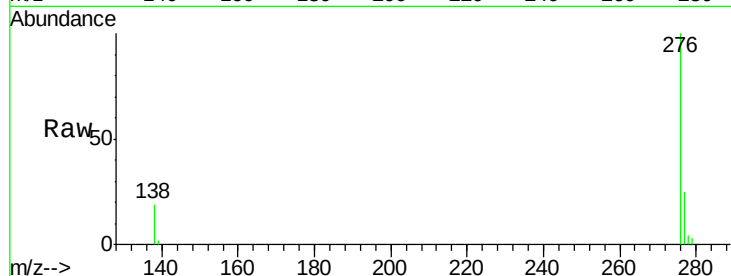
Tot Ion:276 Resp: 30624

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.2

138 18.8 15.4 23.2



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

