

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
 Data File : BN010919.D
 Acq On : 16 Jun 2020 22:27
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Jun 17 03:37:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 16 08:49:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2326	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	8284	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	4529	0.40	ng	0.00
19) Phenanthrene-d10	16.91	188	9394	0.40	ng	-0.01
27) Chrysene-d12	21.12	240	8639	0.40	ng	-0.01
34) Perylene-d12	23.27	264	8858	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	2386	0.53	ng	0.00
5) Phenol-d6	6.74	99	2591	0.49	ng	0.00
8) Nitrobenzene-d5	8.68	82	2608	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	5855	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	640	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	7692	0.43	ng	0.00
25) Fluoranthene-d10	18.95	212	11955	0.46	ng	0.00
29) Terphenyl-d14	19.57	244	8978	0.44	ng	0.00

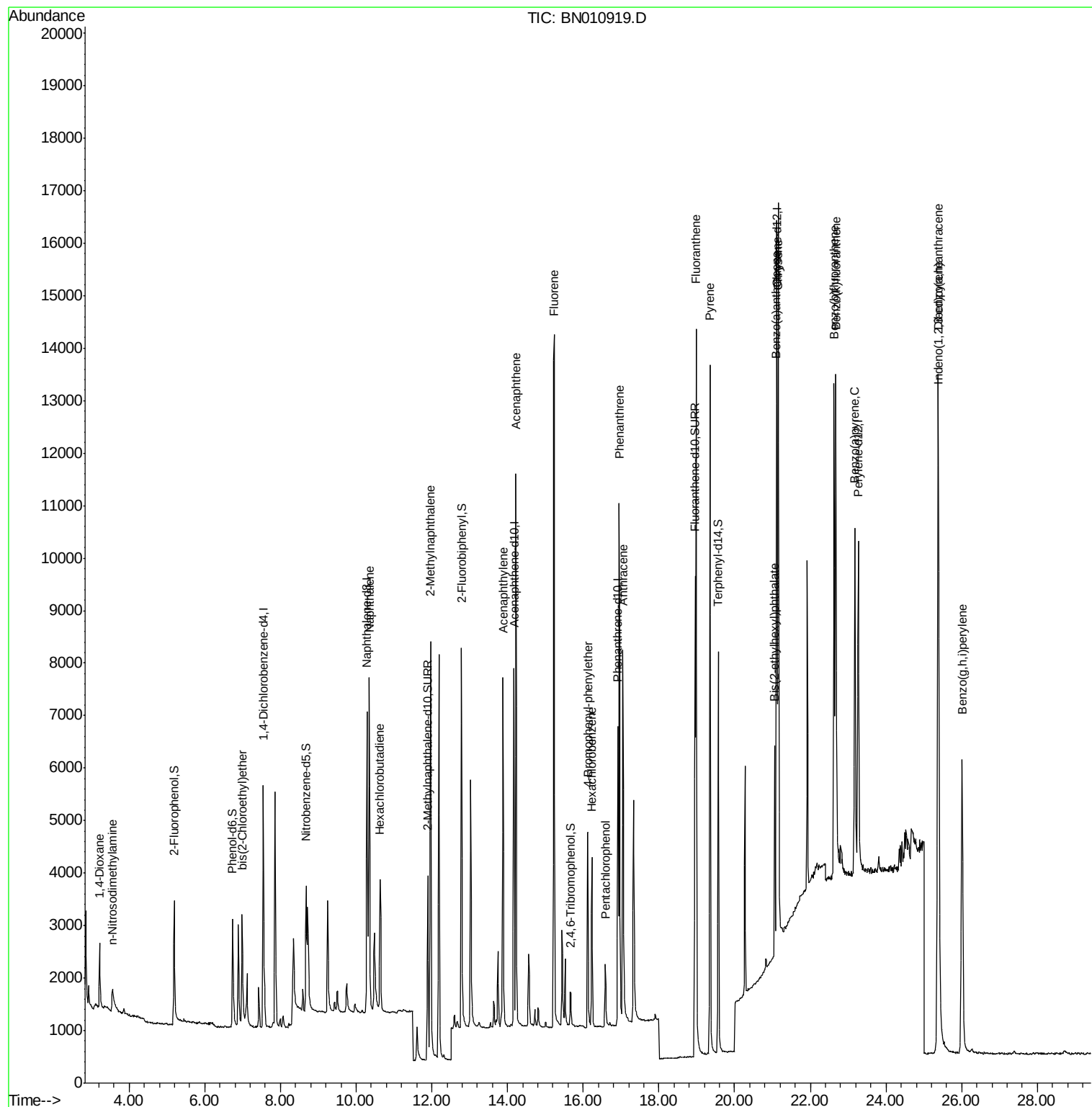
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1164	0.511	ng	97
3) n-Nitrosodimethylamine	3.56	42	523	0.395	ng	# 96
6) bis(2-Chloroethyl)ether	6.99	93	2478	0.480	ng	94
9) Naphthalene	10.34	128	8867	0.426	ng	99
10) Hexachlorobutadiene	10.63	225	2077	0.404	ng	# 99
12) 2-Methylnaphthalene	11.97	142	6704	0.481	ng	97
16) Acenaphthylene	13.88	152	7730	0.417	ng	99
17) Acenaphthene	14.22	154	5323	0.421	ng	99
18) Fluorene	15.22	166	6837	0.419	ng	98
20) 4-Bromophenyl-phenylether	16.12	248	2223	0.394	ng	99
21) Hexachlorobenzene	16.23	284	2428	0.412	ng	97
22) Pentachlorophenol	16.58	266	765	0.387	ng	98
23) Phenanthrene	16.95	178	10724	0.418	ng	99
24) Anthracene	17.05	178	8742	0.408	ng	99
26) Fluoranthene	18.98	202	13574	0.466	ng	99
28) Pyrene	19.35	202	13112	0.459	ng	100
30) Benzo(a)anthracene	21.10	228	10568	0.416	ng	97
31) Chrysene	21.15	228	12798	0.432	ng	98
32) Bis(2-ethylhexyl)phthalate	21.06	149	3755	0.444	ng	97
33) Indeno(1,2,3-cd)pyrene	25.37	276	15974	0.483	ng	# 96
35) Benzo(b)fluoranthene	22.63	252	12153	0.403	ng	98
36) Benzo(k)fluoranthene	22.68	252	13141	0.410	ng	99
37) Benzo(a)pyrene	23.18	252	10778	0.417	ng	96
38) Dibenzo(a,h)anthracene	25.38	278	12929	0.439	ng	97
39) Benzo(g,h,i)perylene	26.01	276	12244	0.398	ng	98

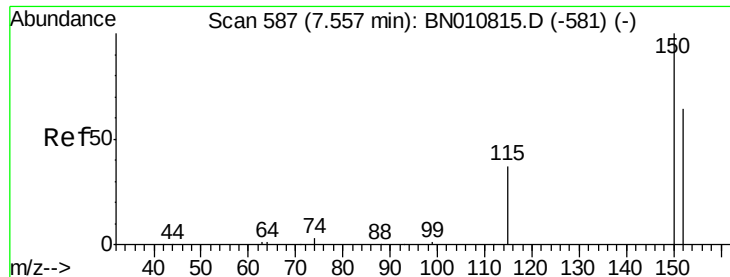
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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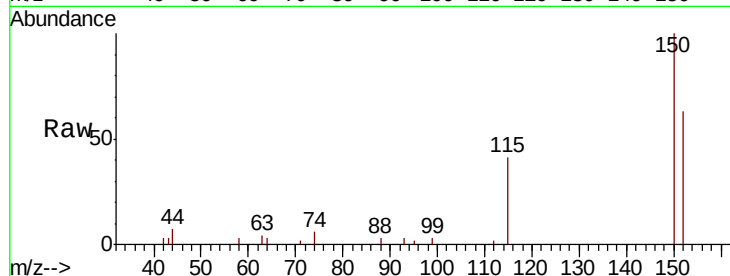


#1

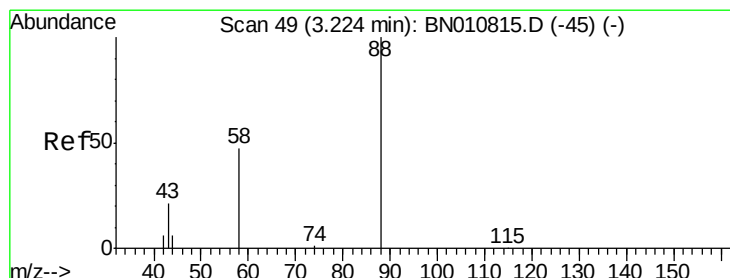
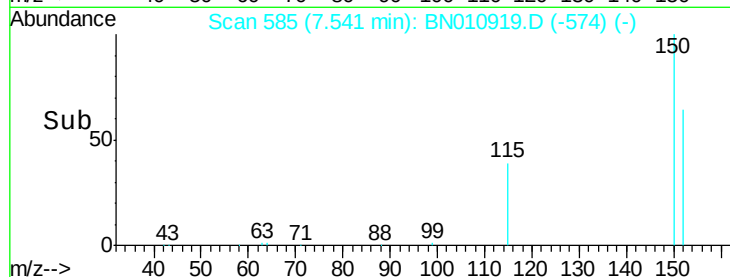
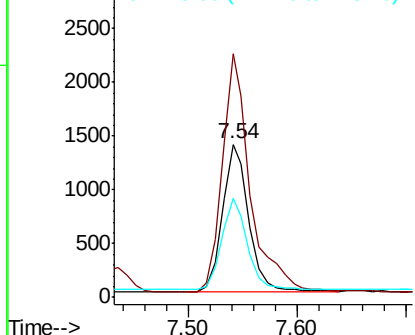
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:152 Resp: 2326
Ion Ratio Lower Upper
152 100
150 158.9 123.8 185.6
115 65.0 49.2 73.8



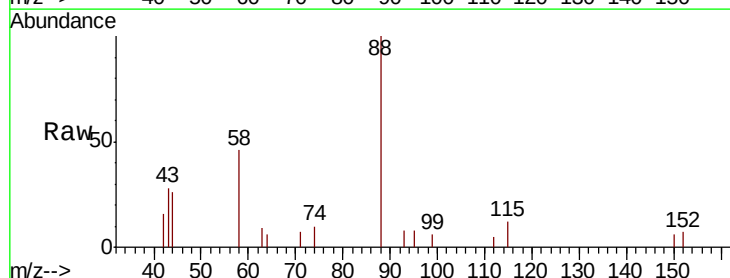
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



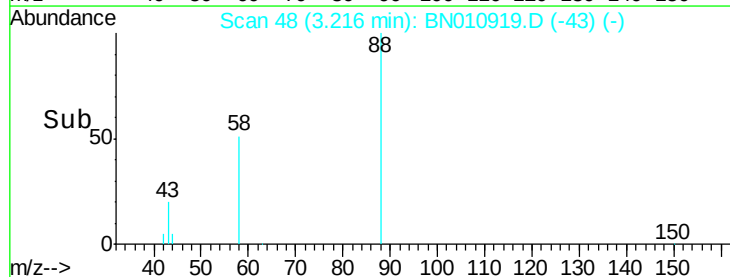
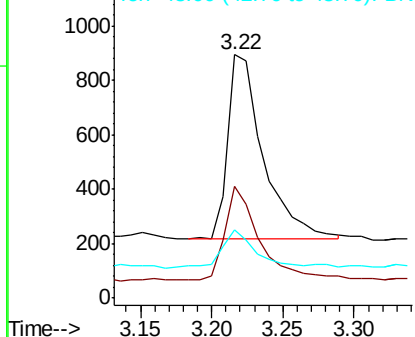
#2

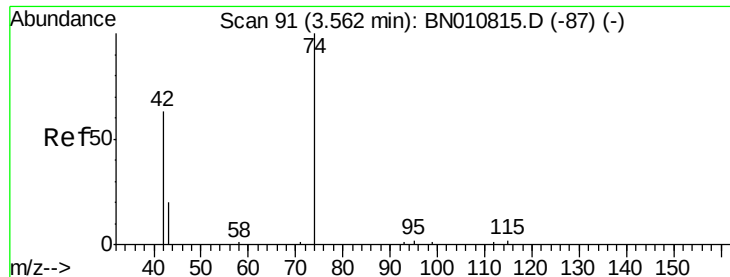
1,4-Dioxane
Concen: 0.511 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion: 88 Resp: 1164
Ion Ratio Lower Upper
88 100
58 49.3 38.2 57.4
43 16.4 15.1 22.7



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



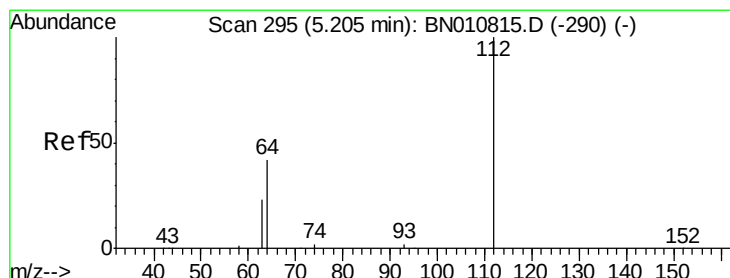
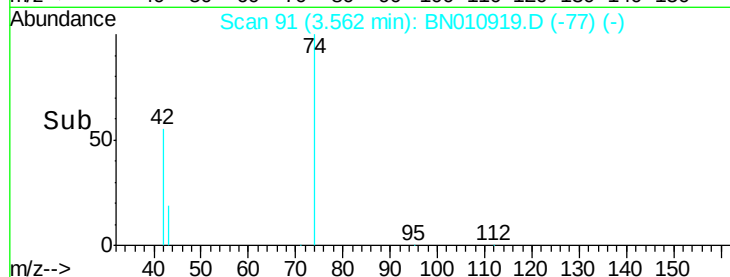
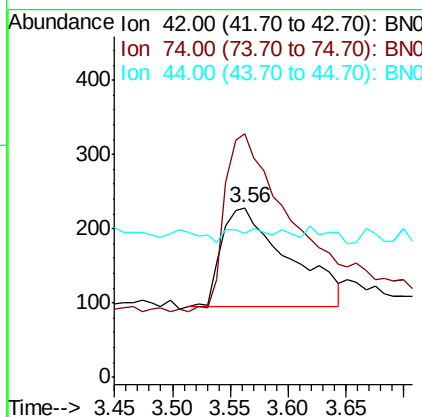
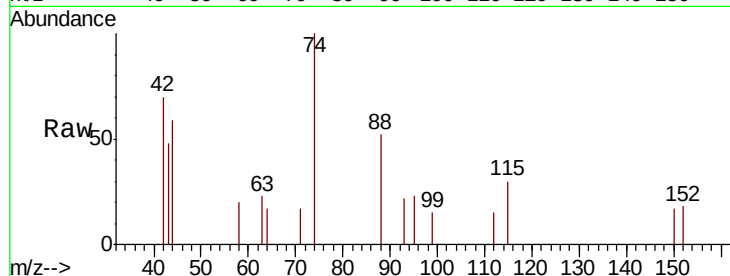


#3

n-Nitrosodimethylamine
 Concen: 0.395 ng
 RT: 3.56 min Scan# 91
 Delta R.T. 0.02 min
 Lab File: BN010919.D
 Acq: 16 Jun 2020 22:27

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

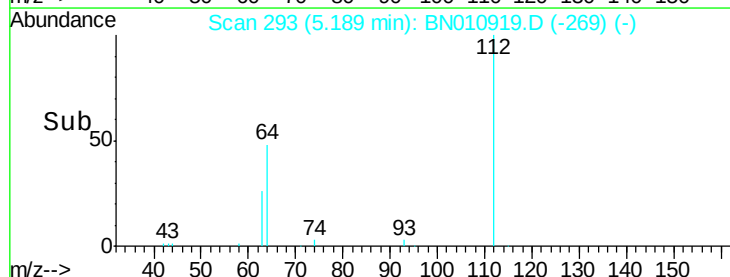
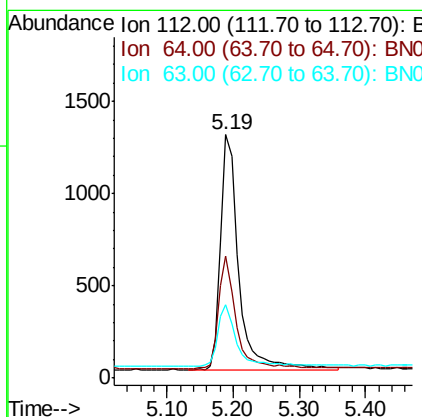
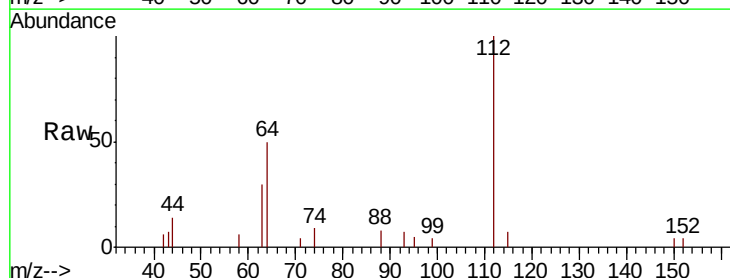
Tot Ion: 42 Resp: 523
 Ion Ratio Lower Upper
 42 100
 74 181.3 140.7 211.1
 44 4.4 1.4 2.2#

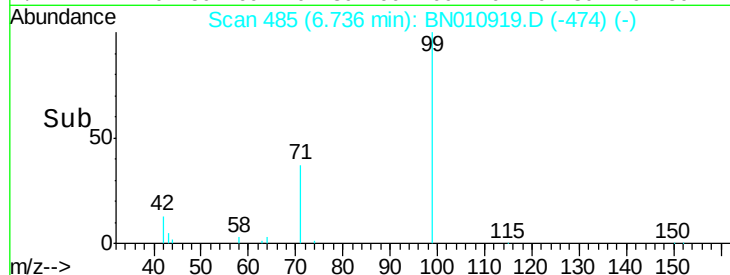
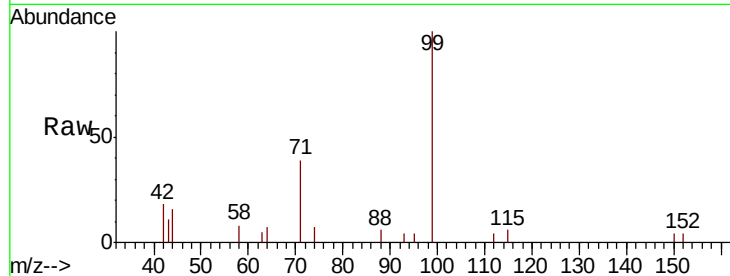
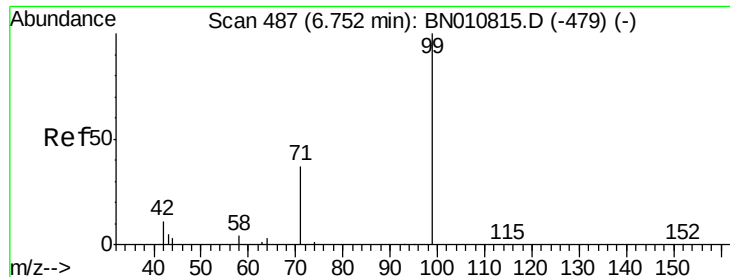


#4

2-Fluorophenol
 Concen: 0.531 ng
 RT: 5.19 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BN010919.D
 Acq: 16 Jun 2020 22:27

Tgt Ion: 112 Resp: 2386
 Ion Ratio Lower Upper
 112 100
 64 46.2 37.4 56.0
 63 27.0 22.2 33.4





#5

Phenol-d6

Concen: 0.490 ng

RT: 6.74 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

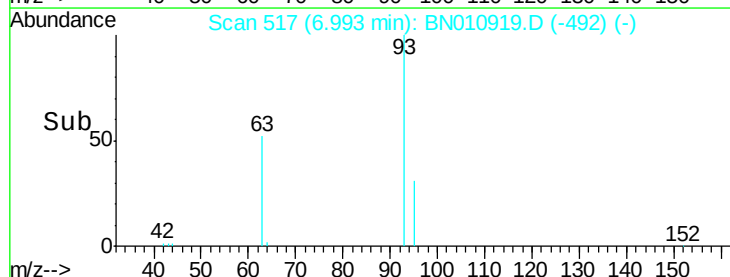
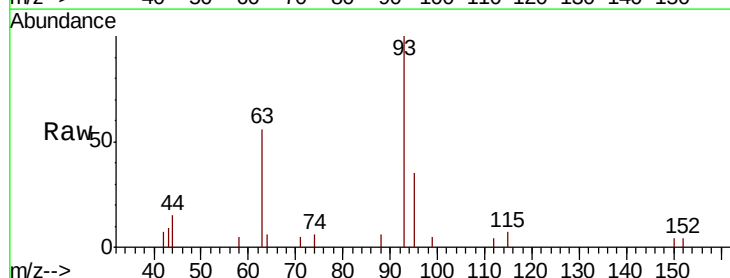
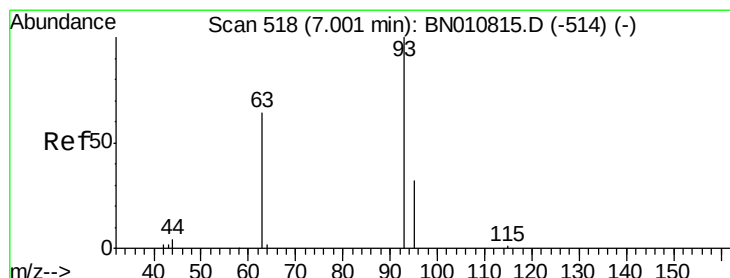
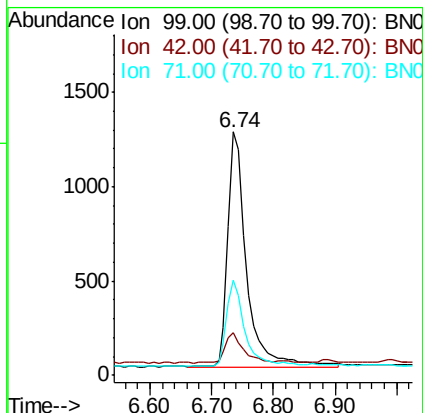
Tot Ion: 99 Resp: 2591

Ion Ratio Lower Upper

99 100

42 12.0 11.1 16.7

71 35.8 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.480 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

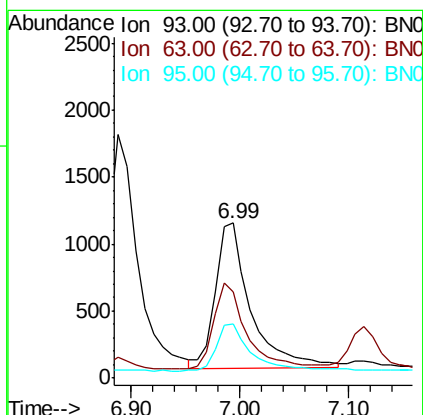
Tgt Ion: 93 Resp: 2478

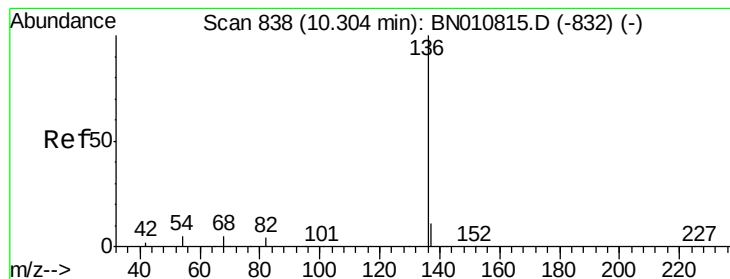
Ion Ratio Lower Upper

93 100

63 55.2 49.4 74.2

95 32.8 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 8284

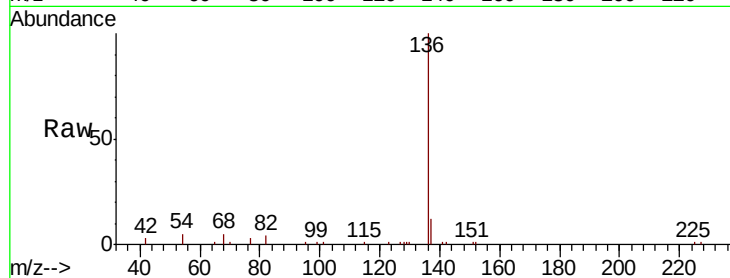
Ion Ratio Lower Upper

136 100

137 11.7 9.7 14.5

54 4.7 4.9 7.3#

68 5.2 4.7 7.1

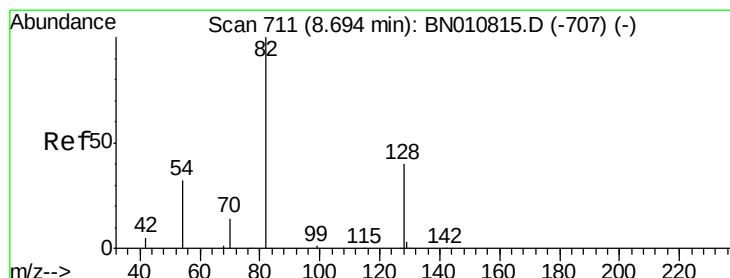
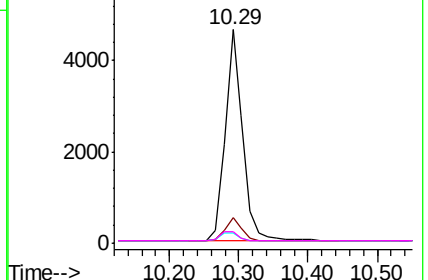
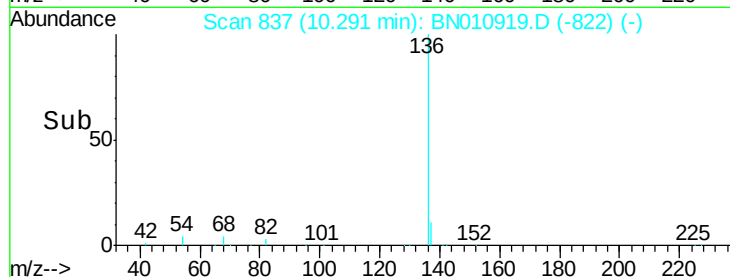


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.68 min Scan# 710

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

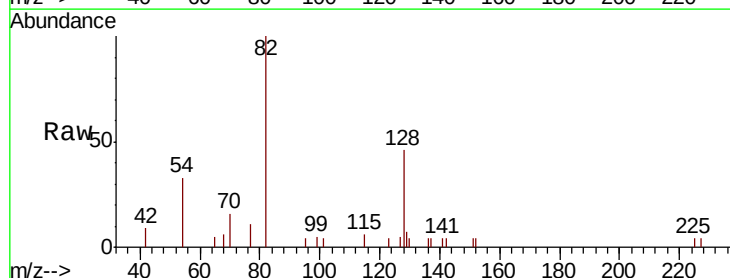
Tgt Ion: 82 Resp: 2608

Ion Ratio Lower Upper

82 100

128 46.2 35.4 53.0

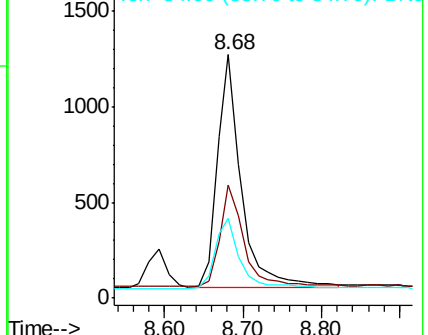
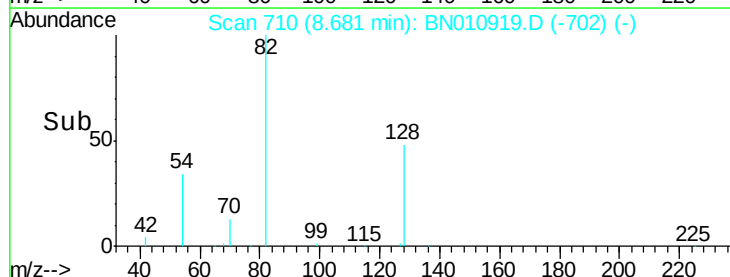
54 32.9 28.2 42.4

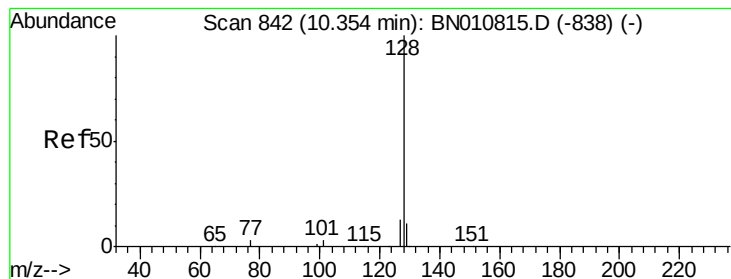


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.426 ng

RT: 10.34 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

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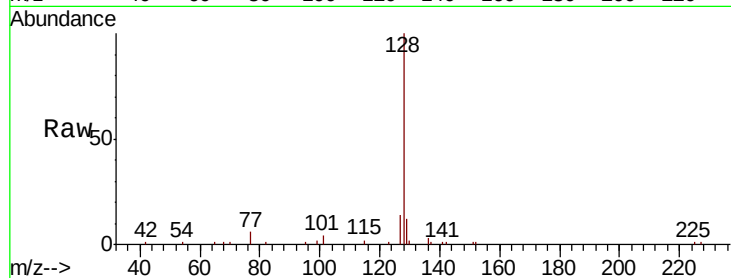
Tot Ion:128 Resp: 8867

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

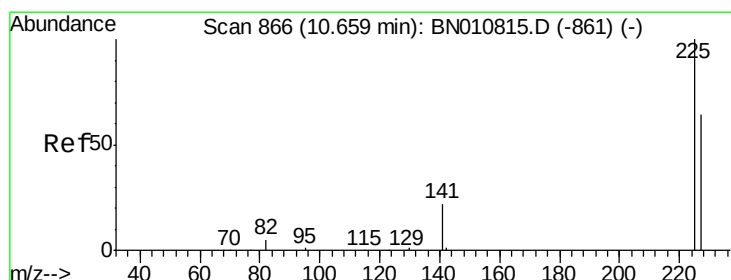
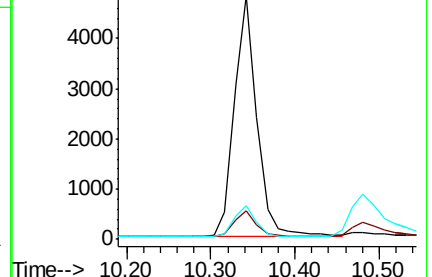
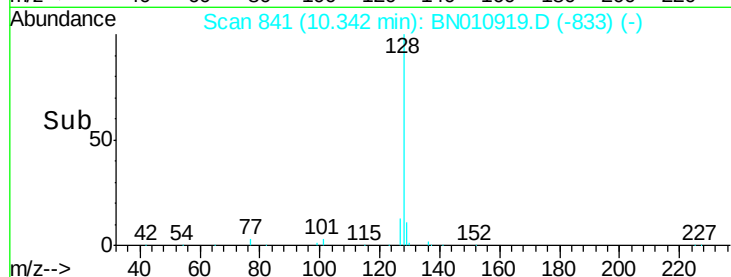
127 13.8 11.4 17.2



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: 0.404 ng

RT: 10.63 min Scan# 864

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

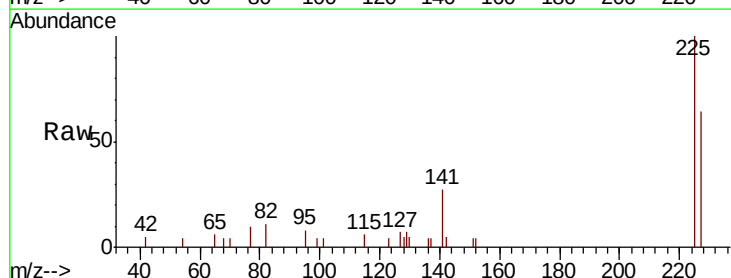
Tgt Ion:225 Resp: 2077

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

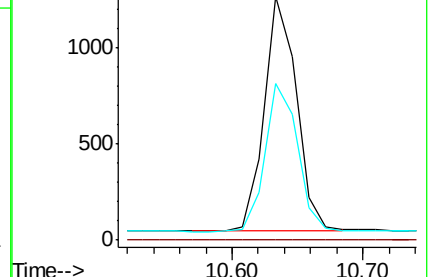
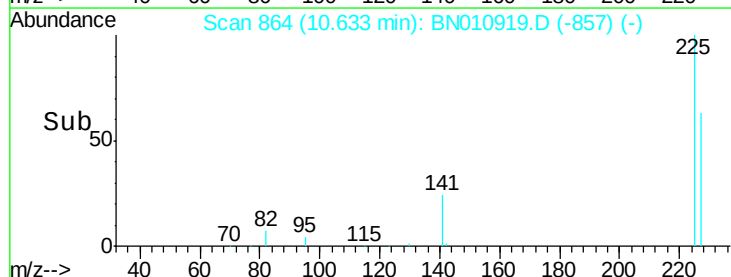
227 63.8 50.5 75.7

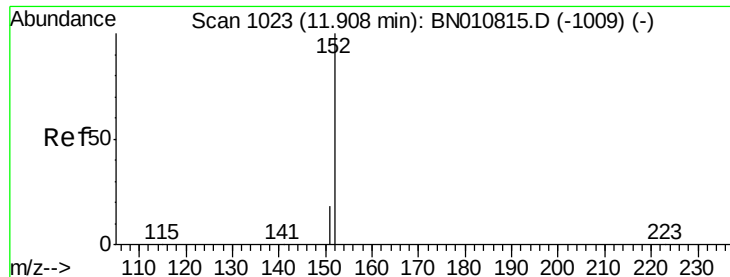


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

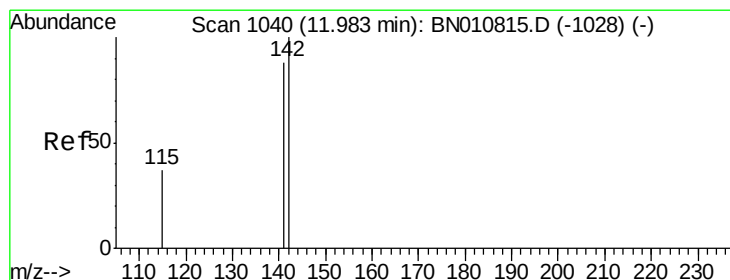
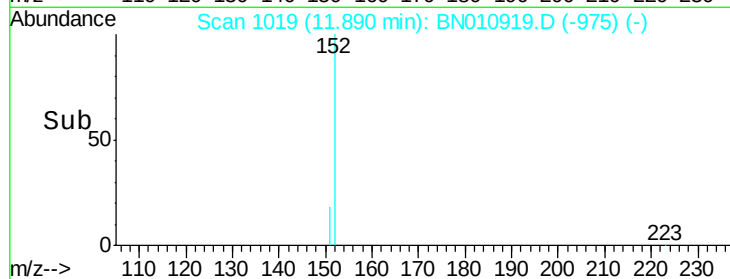
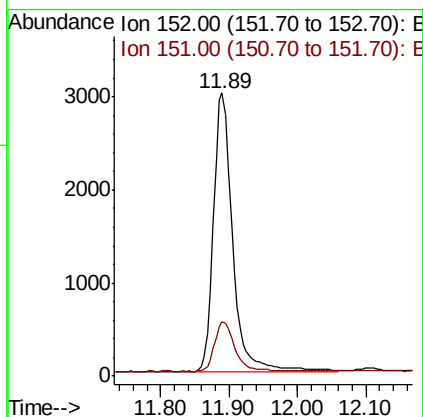
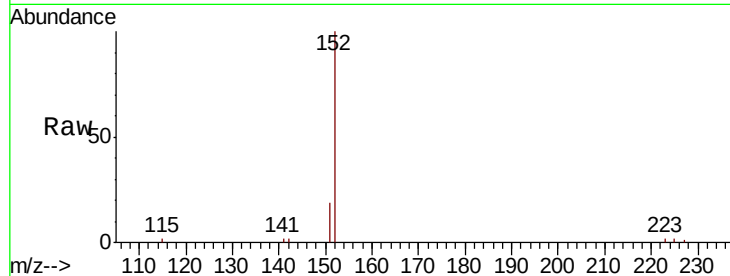




#11
 2-Methylnaphthalene-d10
 Concen: 0.456 ng
 RT: 11.89 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BN010919.D
 Acq: 16 Jun 2020 22:27

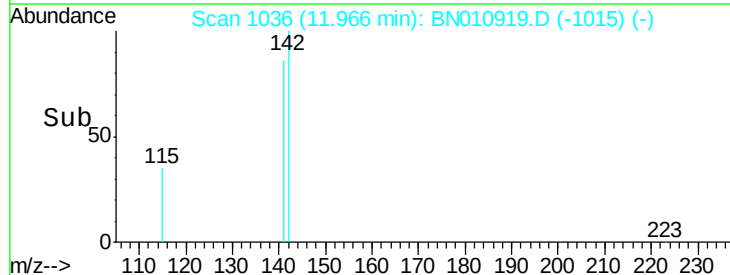
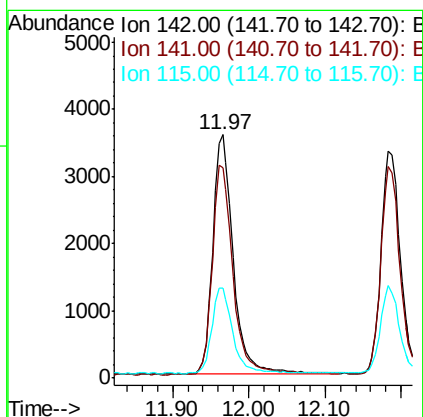
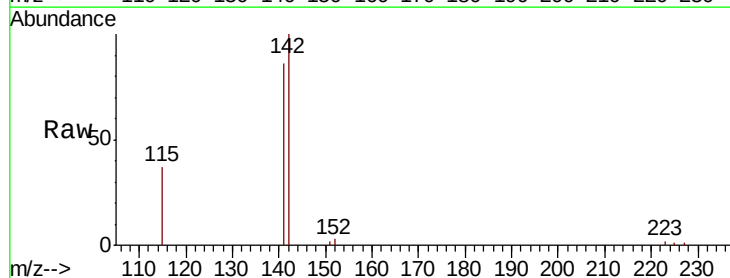
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

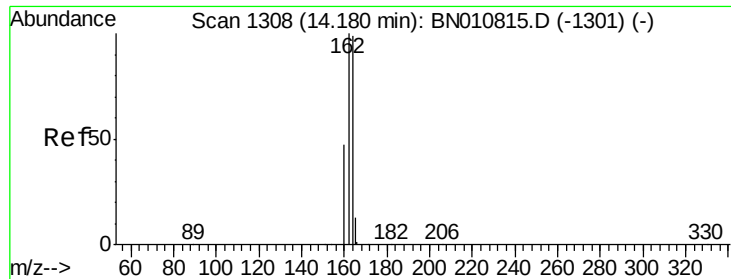
Tot Ion:152 Resp: 5855
 Ion Ratio Lower Upper
 152 100
 151 18.8 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.481 ng
 RT: 11.97 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BN010919.D
 Acq: 16 Jun 2020 22:27

Tgt Ion:142 Resp: 6704
 Ion Ratio Lower Upper
 142 100
 141 86.4 70.8 106.2
 115 36.7 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

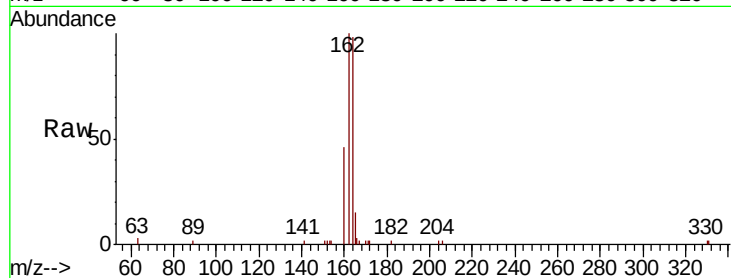
Tot Ion:164 Resp: 4529

Ion Ratio Lower Upper

164 100

162 102.1 81.0 121.6

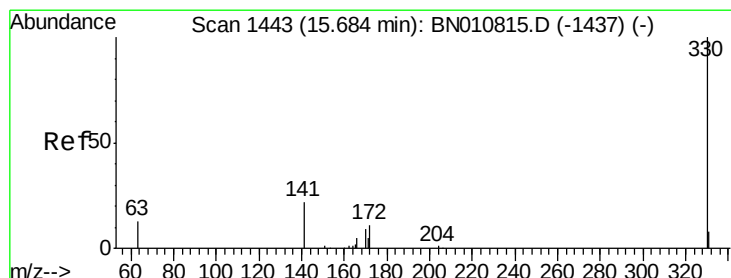
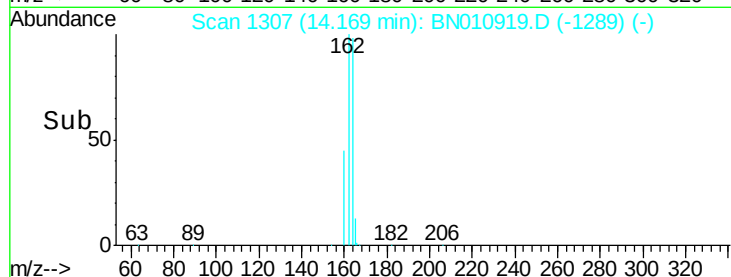
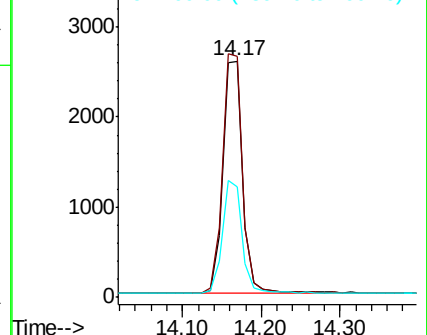
160 46.6 38.9 58.3



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: 0.395 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

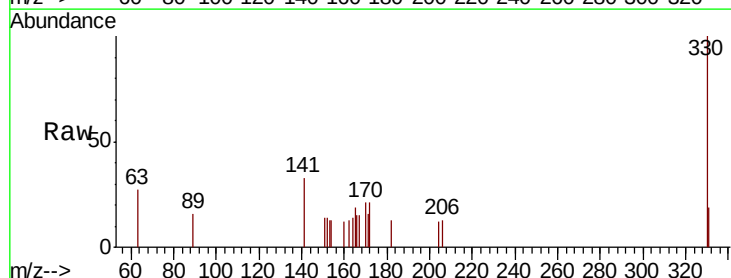
Tgt Ion:330 Resp: 640

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

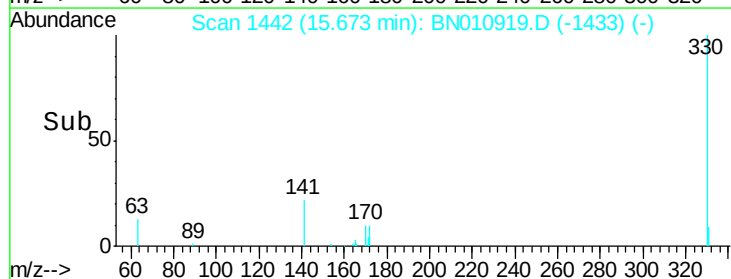
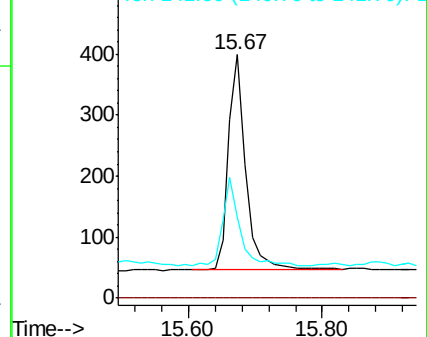
141 39.4 33.2 49.8

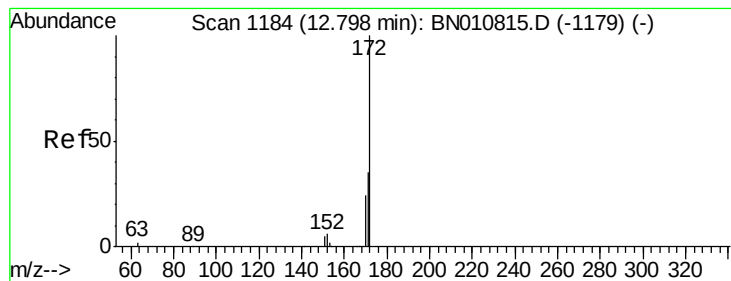


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.430 ng

RT: 12.79 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

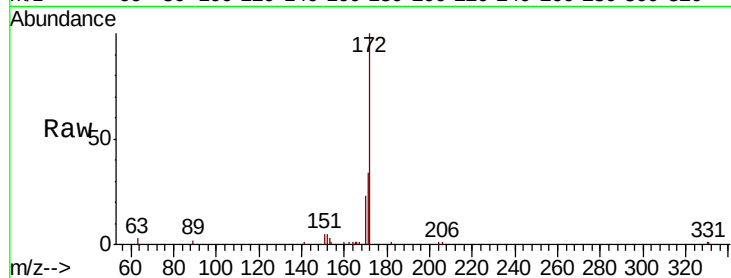
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:172 Resp: 7692

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	22.9	19.7	29.5

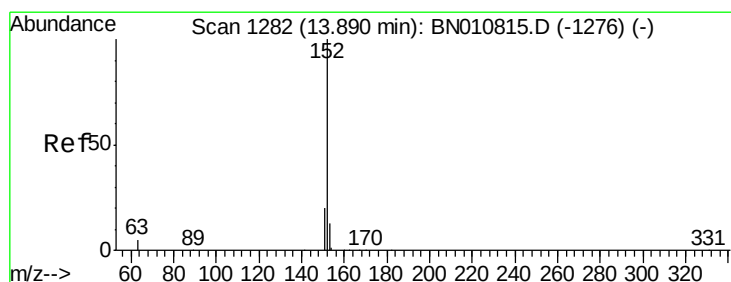
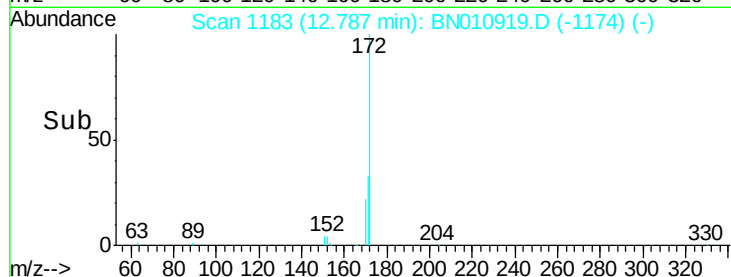
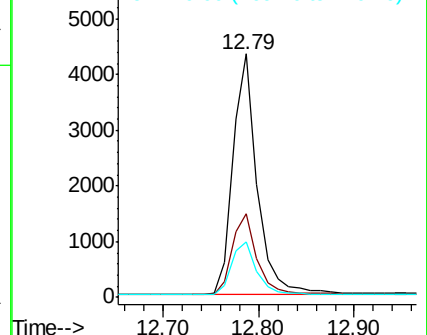


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.417 ng

RT: 13.88 min Scan# 1281

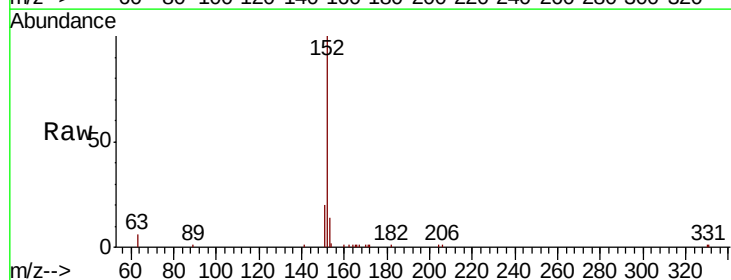
Delta R.T. 0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Tgt Ion:152 Resp: 7730

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.6	23.4
153	12.7	10.6	16.0

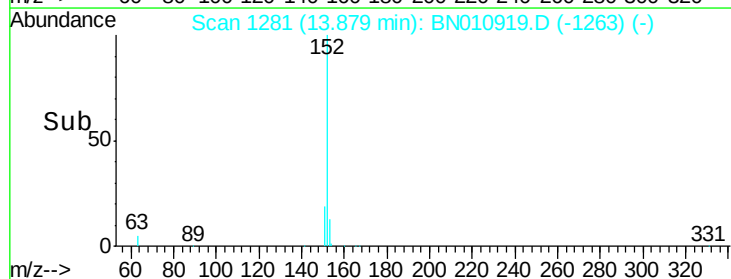
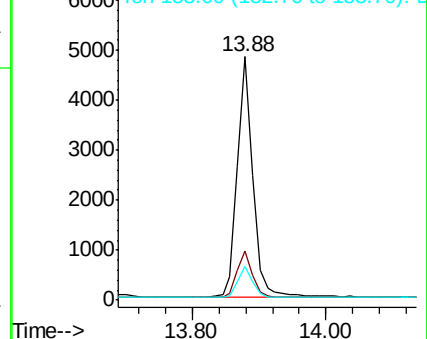


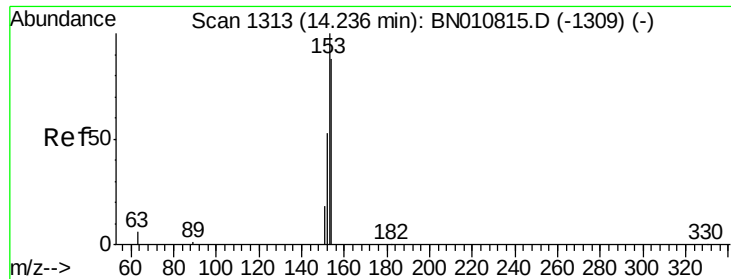
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.421 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

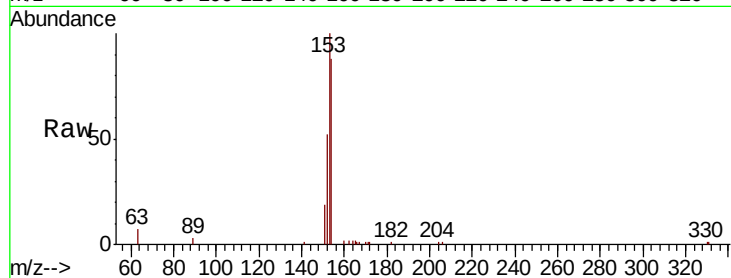
Tot Ion:154 Resp: 5323

Ion Ratio Lower Upper

154 100

153 113.9 91.8 137.6

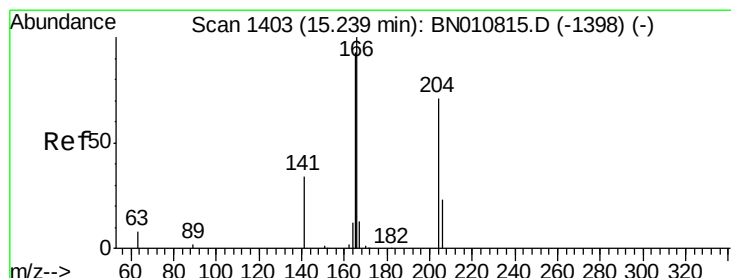
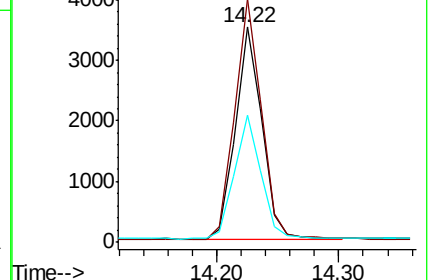
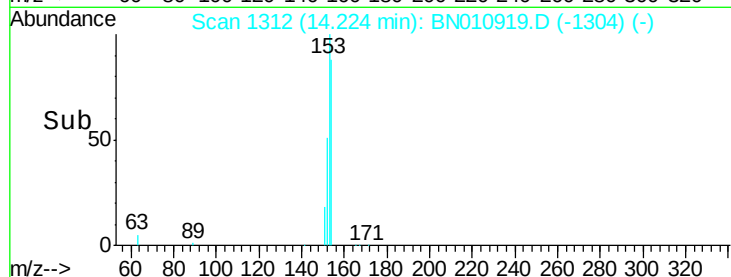
152 58.8 47.6 71.4



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: 0.419 ng

RT: 15.22 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

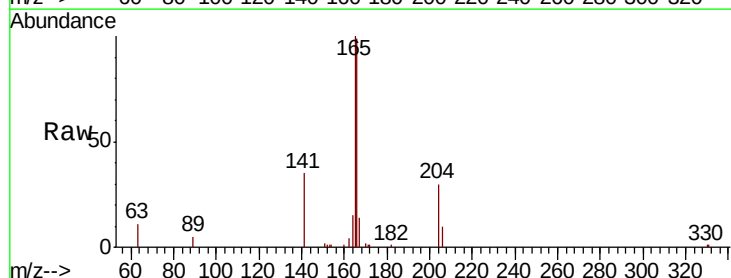
Tgt Ion:166 Resp: 6837

Ion Ratio Lower Upper

166 100

165 98.3 77.2 115.8

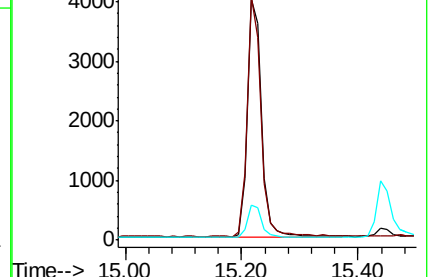
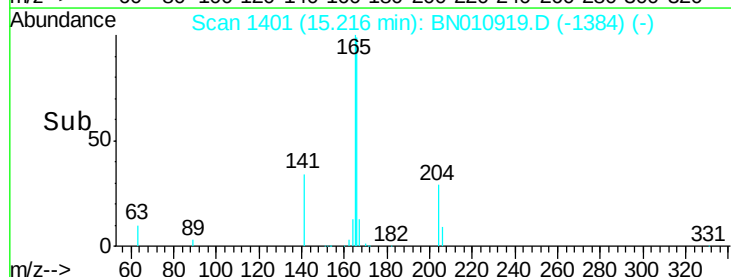
167 13.7 10.7 16.1

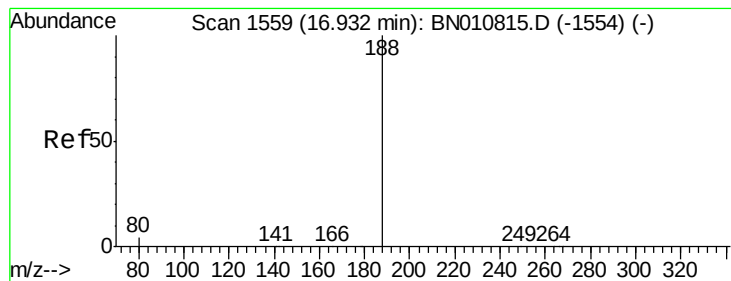


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.91 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

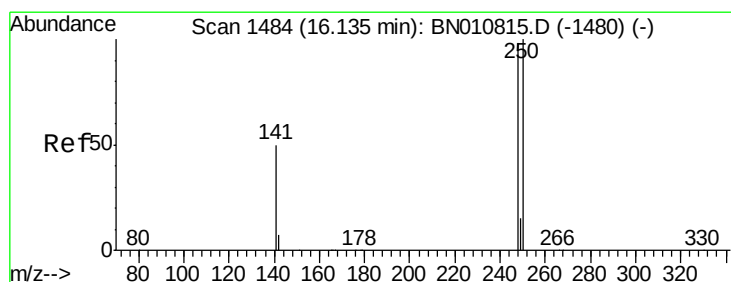
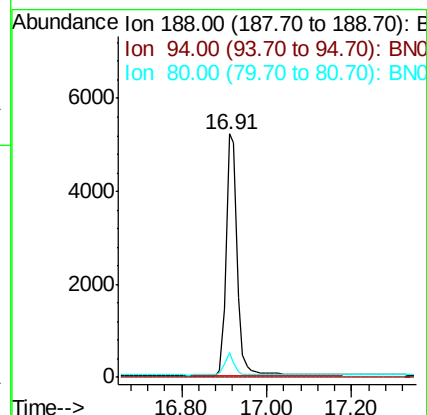
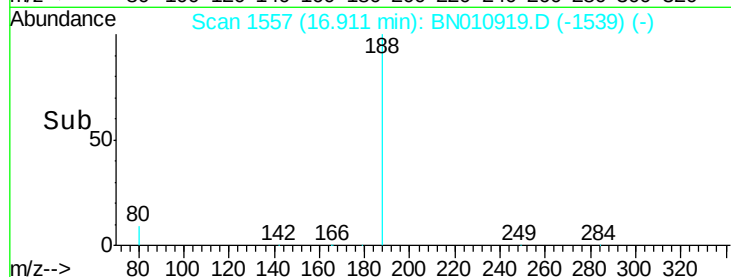
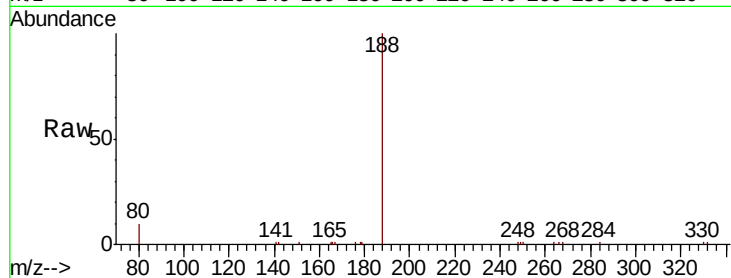
Tot Ion:188 Resp: 9394

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 4.5 6.7#



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

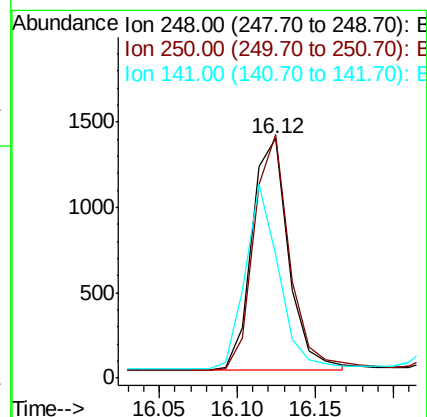
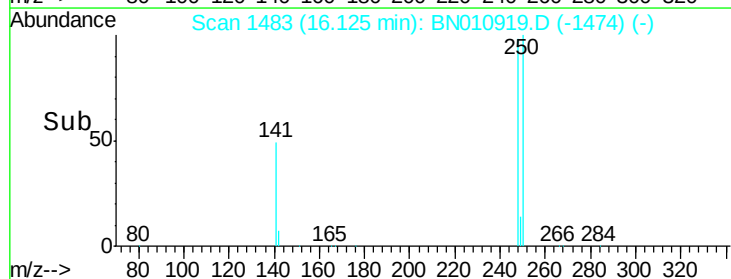
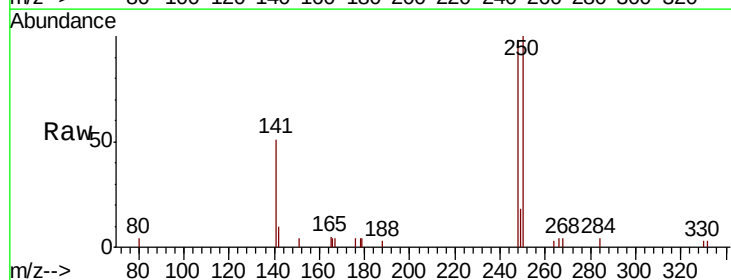
Tgt Ion:248 Resp: 2223

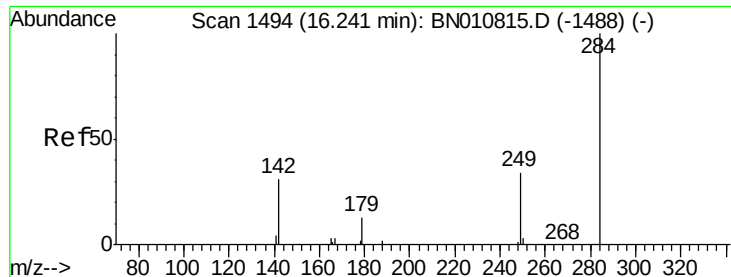
Ion Ratio Lower Upper

248 100

250 101.7 81.8 122.8

141 51.7 42.6 64.0





#21

Hexachlorobenzene

Concen: 0.412 ng

RT: 16.23 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

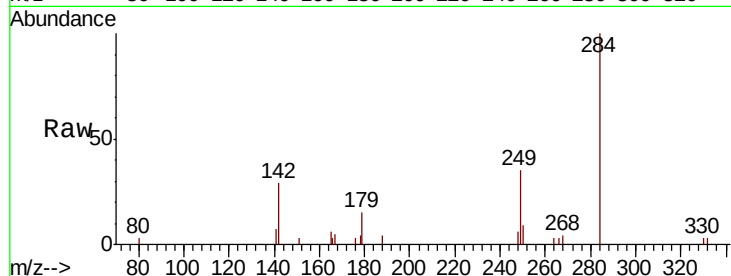
Tot Ion:284 Resp: 2428

Ion Ratio Lower Upper

284 100

142 36.5 31.0 46.4

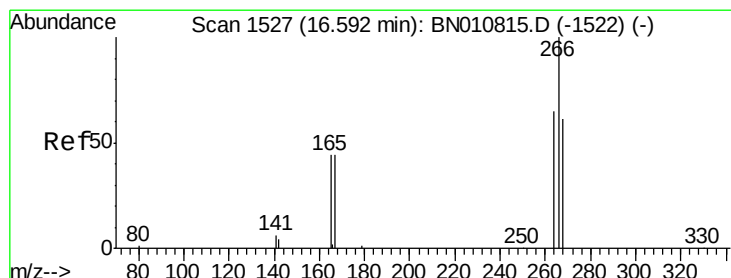
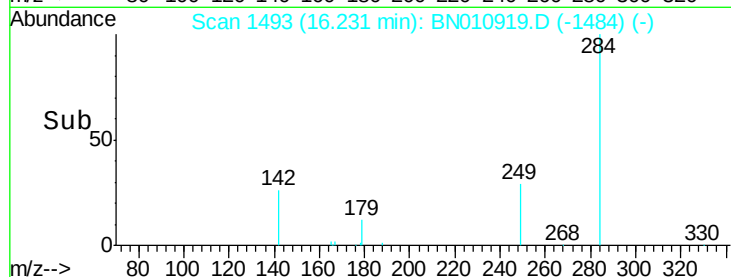
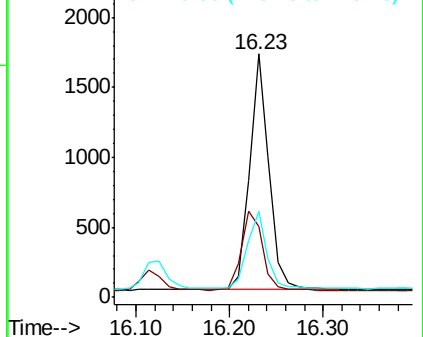
249 32.5 27.1 40.7



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: 0.387 ng

RT: 16.58 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

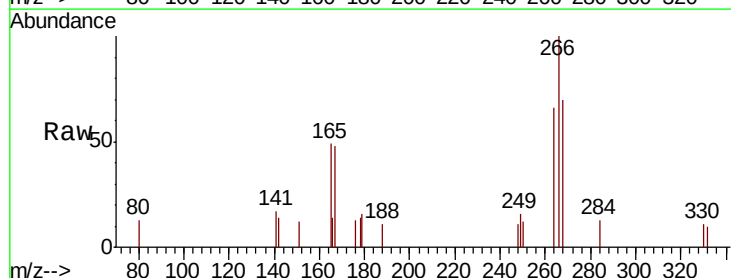
Tgt Ion:266 Resp: 765

Ion Ratio Lower Upper

266 100

264 66.2 54.8 82.2

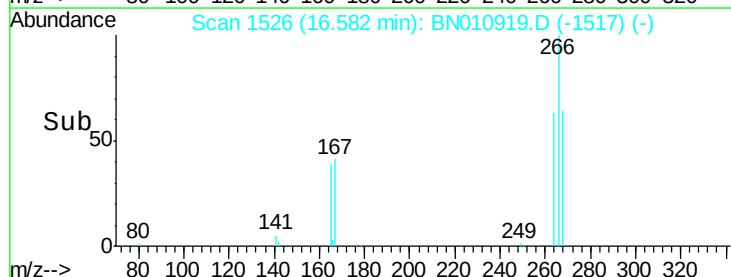
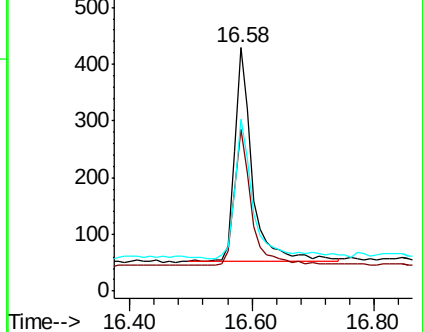
268 70.4 55.9 83.9

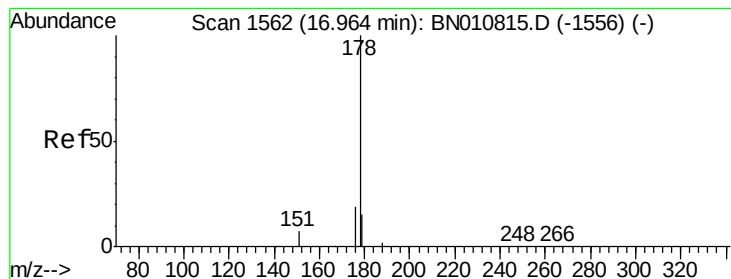


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.418 ng

RT: 16.95 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

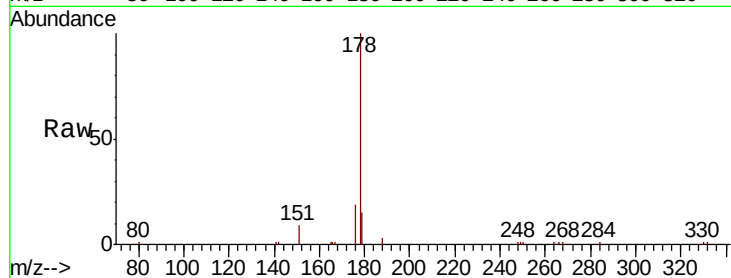
Tot Ion:178 Resp: 10724

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

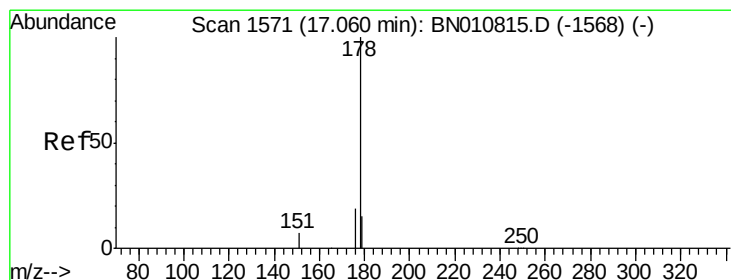
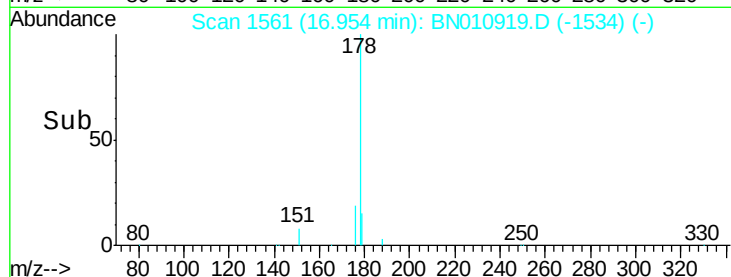
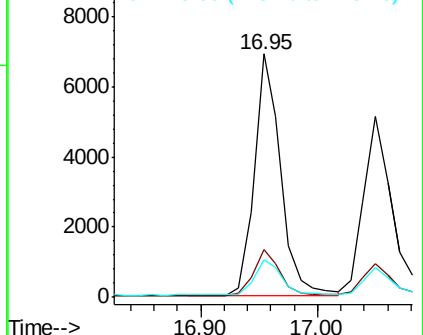
179 15.5 12.6 19.0



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: 0.408 ng

RT: 17.05 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

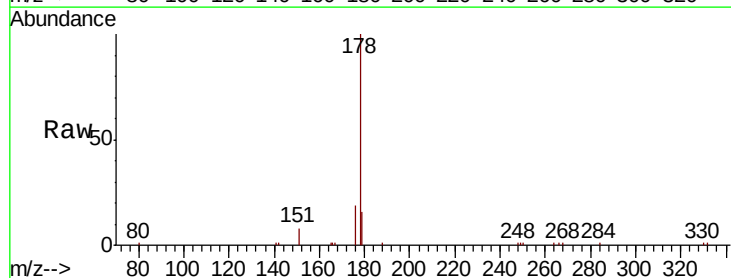
Tgt Ion:178 Resp: 8742

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

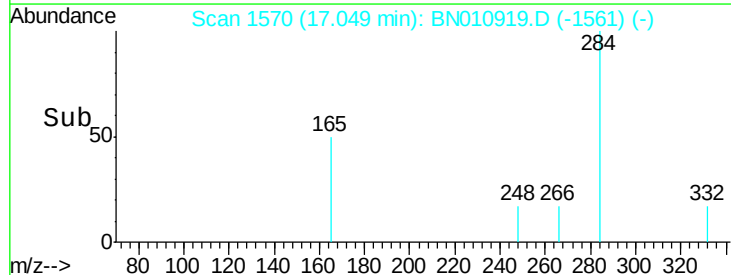
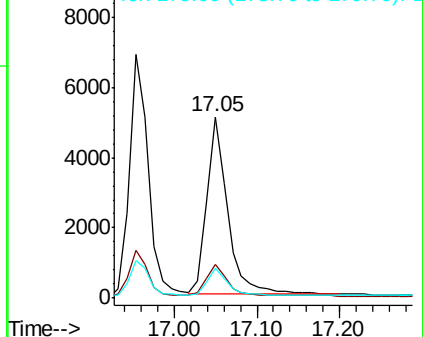
179 14.7 12.3 18.5

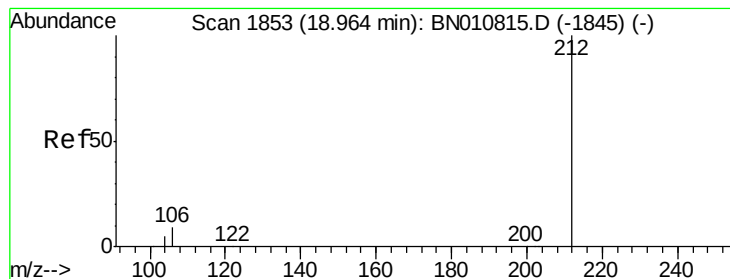


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.461 ng

RT: 18.95 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

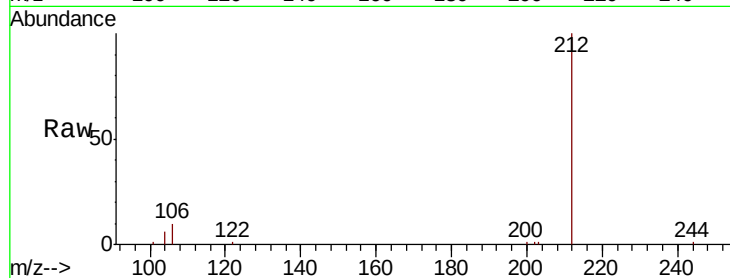
Tot Ion:212 Resp: 11955

Ion Ratio Lower Upper

212 100

106 9.4 6.6 10.0

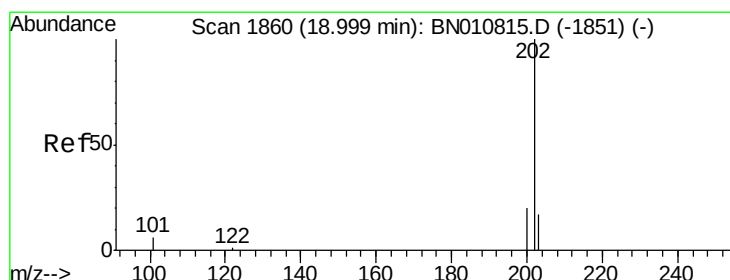
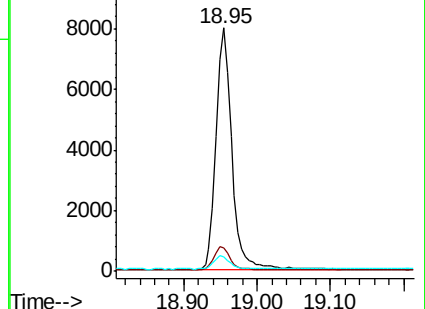
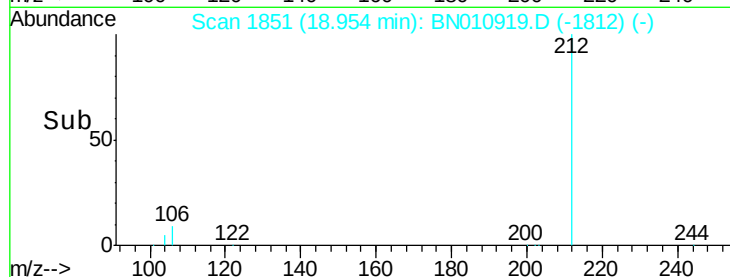
104 5.6 4.0 6.0



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: 0.466 ng

RT: 18.98 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

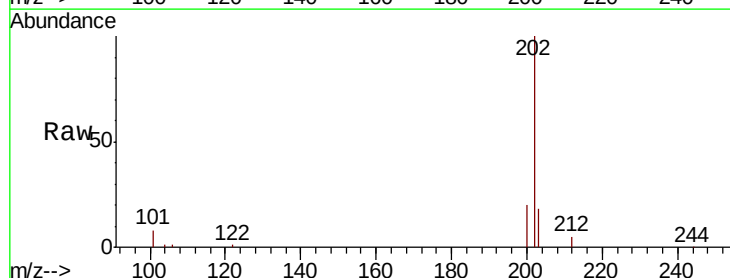
Tgt Ion:202 Resp: 13574

Ion Ratio Lower Upper

202 100

101 8.5 5.8 8.6

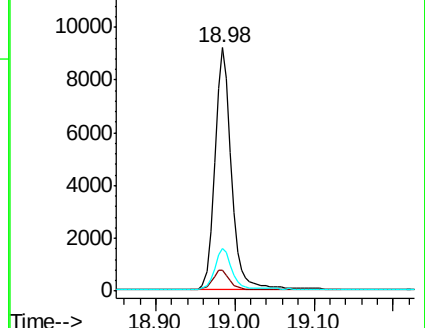
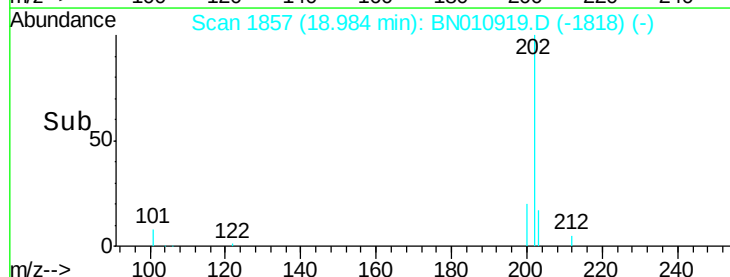
203 17.0 13.7 20.5

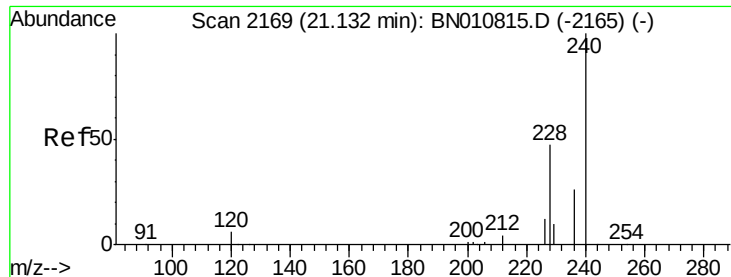


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

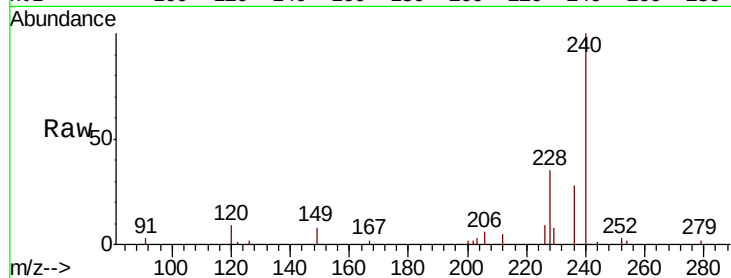
Tot Ion:240 Resp: 8639

Ion Ratio Lower Upper

240 100

120 8.6 7.5 11.3

236 27.6 22.3 33.5



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

21.12

6000

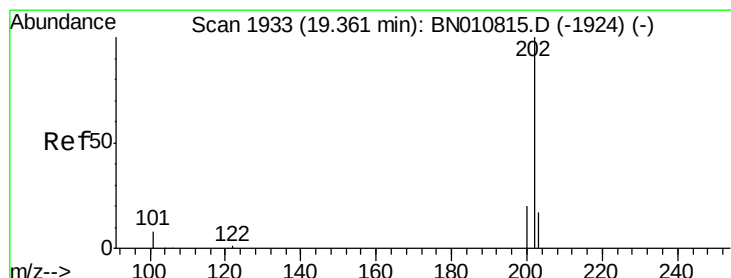
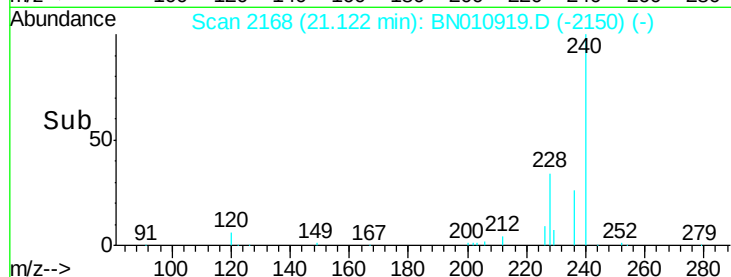
4000

2000

0

21.00 21.10 21.20 21.30

Time-->



#28

Pyrene

Concen: 0.459 ng

RT: 19.35 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

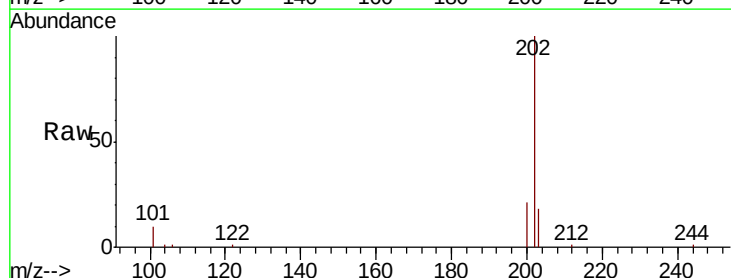
Tgt Ion:202 Resp: 13112

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

203 17.6 14.2 21.4



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

12000

10000

8000

6000

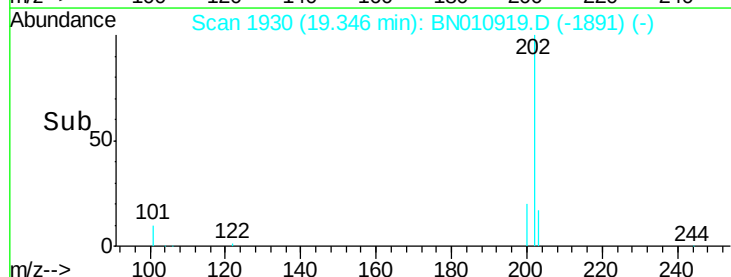
4000

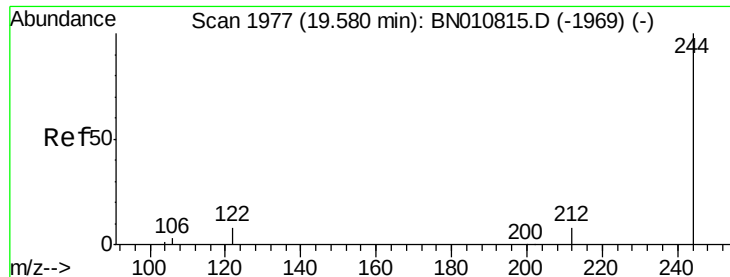
2000

0

19.30 19.35 19.40 19.50

Time-->





#29

Terphenyl-d14

Concen: 0.444 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

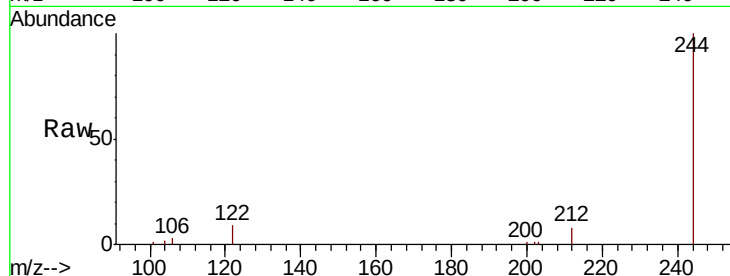
Tot Ion:244 Resp: 8978

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

122 8.7 7.5 11.3

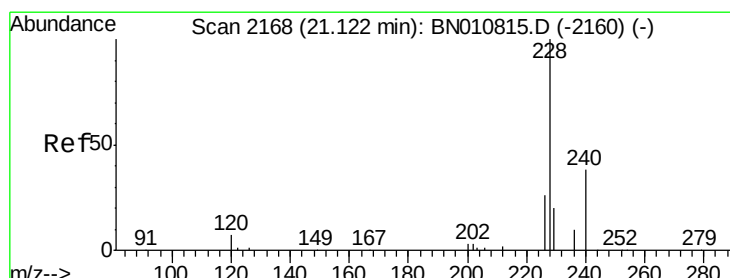
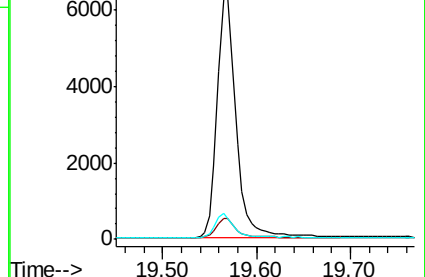
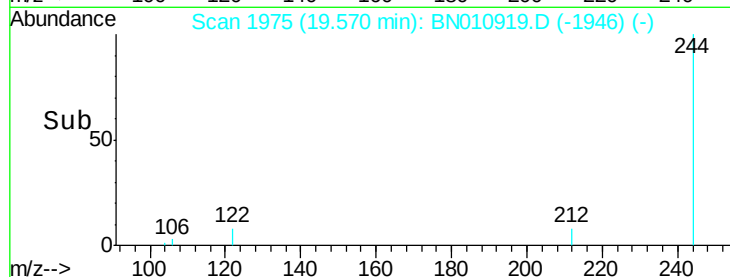


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.57



#30

Benzo(a)anthracene

Concen: 0.416 ng

RT: 21.10 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

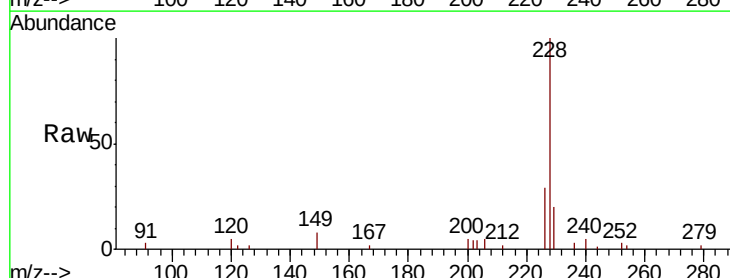
Tgt Ion:228 Resp: 10568

Ion Ratio Lower Upper

228 100

226 28.7 21.3 31.9

229 19.6 16.6 24.8

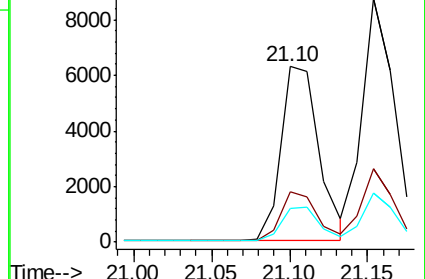
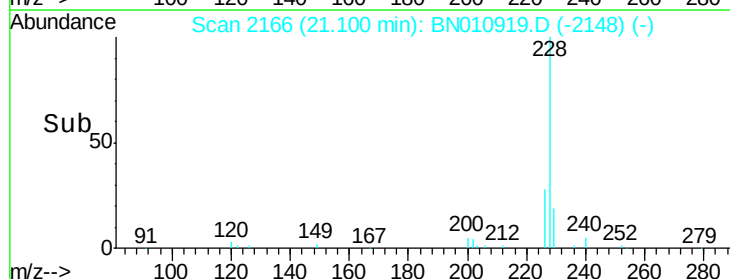


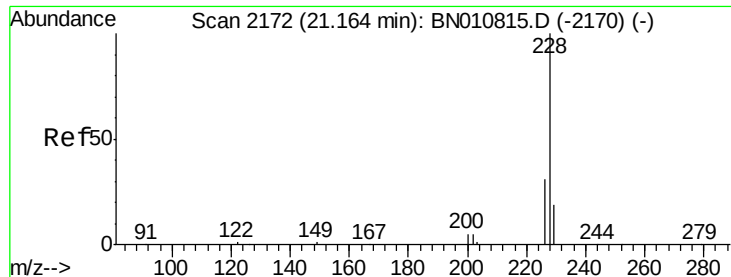
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.10





#31

Chrysene

Concen: 0.432 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

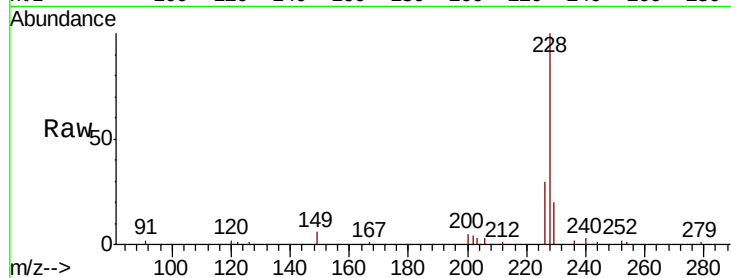
Tot Ion:228 Resp: 12798

Ion Ratio Lower Upper

228 100

226 30.0 25.0 37.6

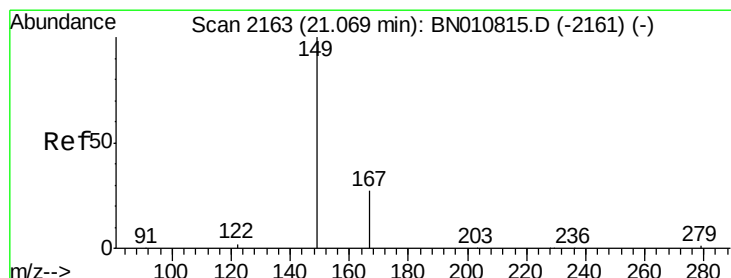
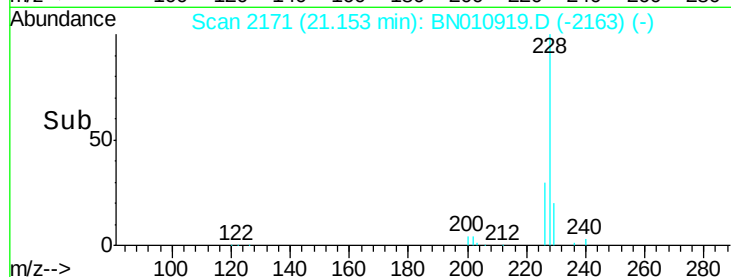
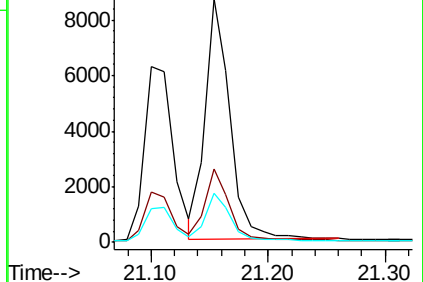
229 20.2 16.1 24.1



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: 0.444 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

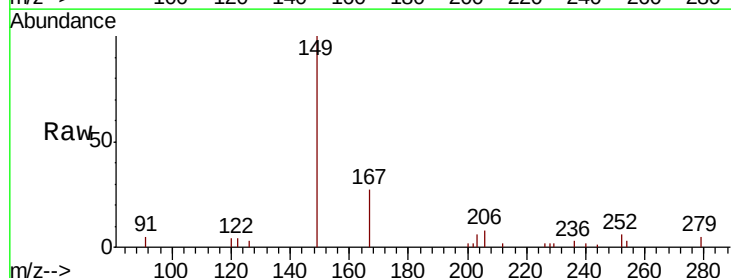
Tgt Ion:149 Resp: 3755

Ion Ratio Lower Upper

149 100

167 28.0 24.1 36.1

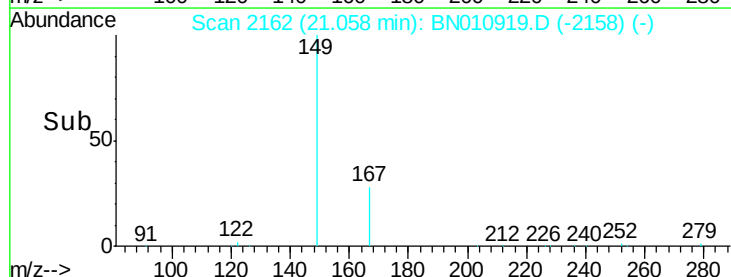
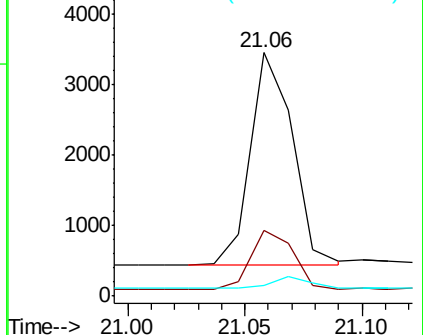
279 5.4 4.6 7.0

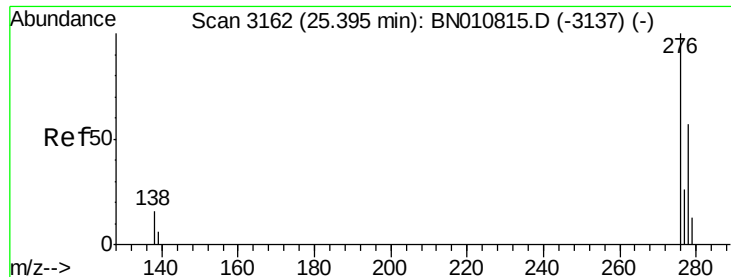


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.483 ng

RT: 25.37 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

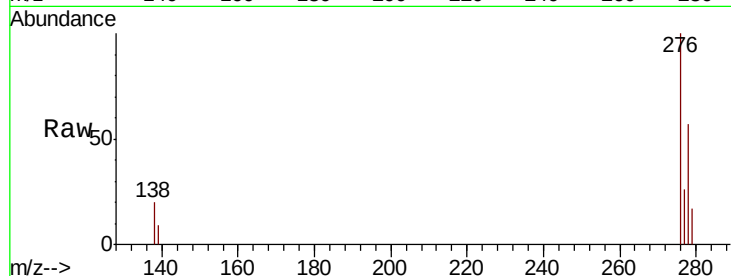
Tot Ion:276 Resp: 15974

Ion Ratio Lower Upper

276 100

138 19.6 13.0 19.6#

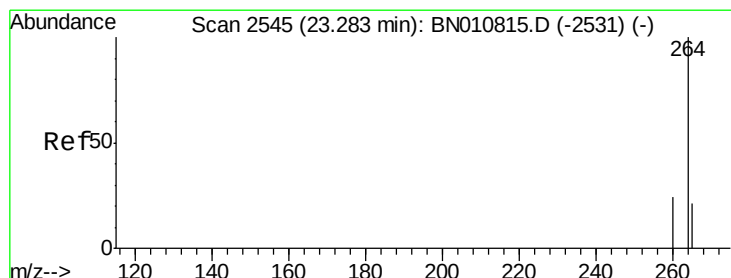
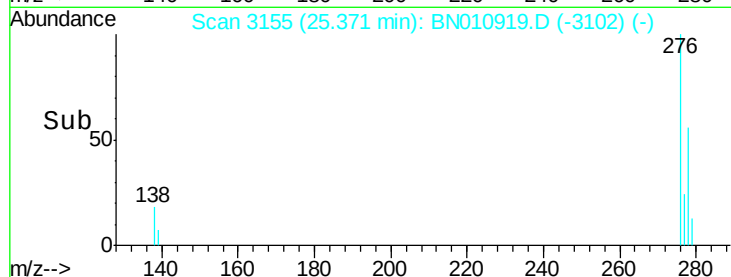
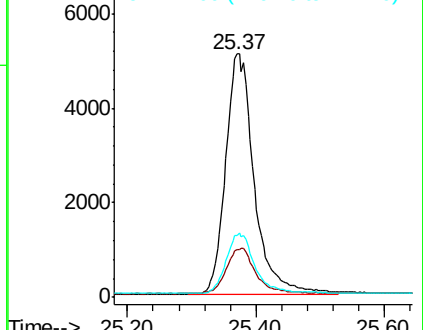
277 25.0 19.7 29.5



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: 23.27 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

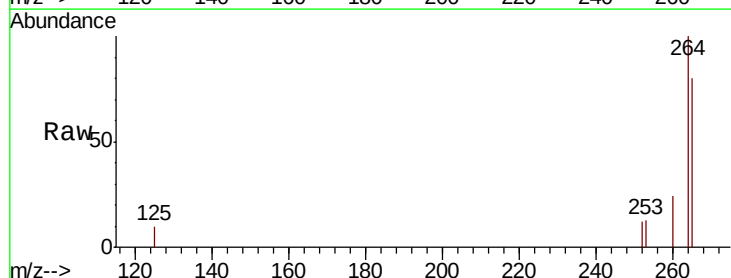
Tgt Ion:264 Resp: 8858

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

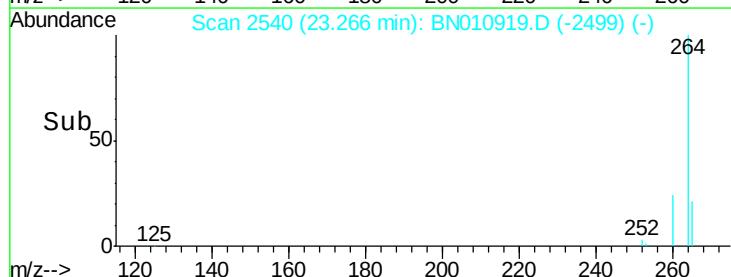
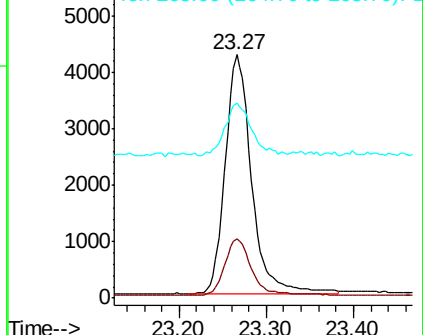
265 79.9 75.0 112.4

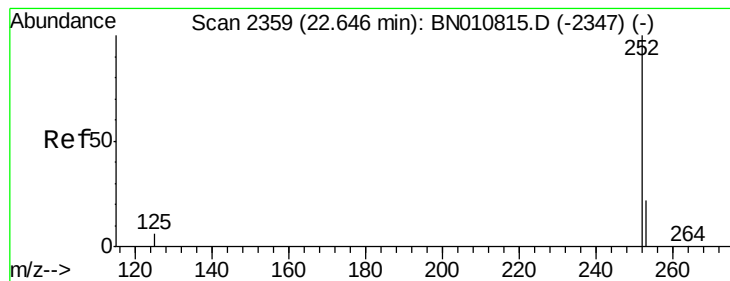


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.403 ng

RT: 22.63 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

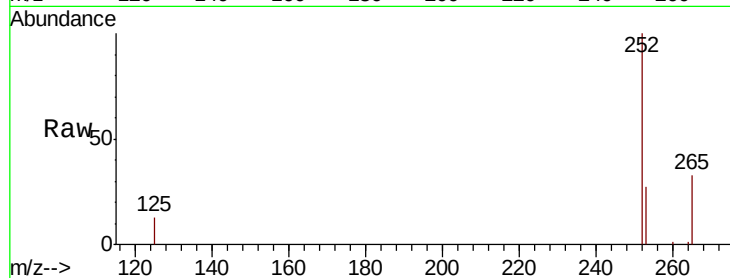
Tot Ion:252 Resp: 12153

Ion Ratio Lower Upper

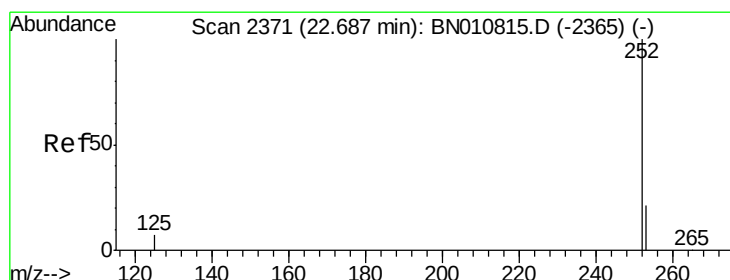
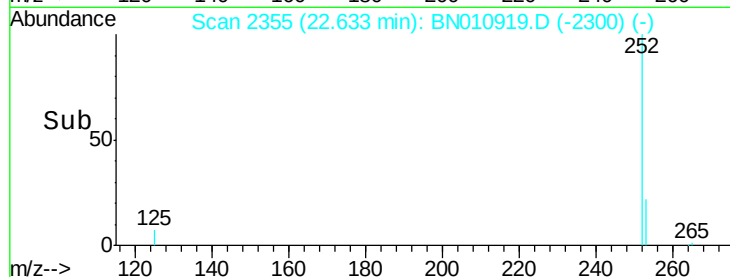
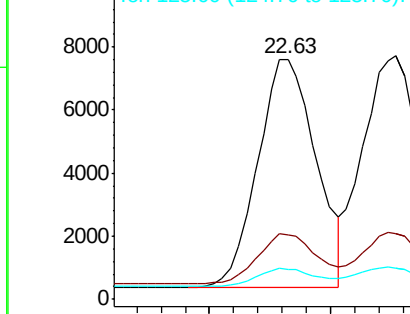
252 100

253 27.0 22.4 33.6

125 12.6 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.410 ng

RT: 22.68 min Scan# 2368

Delta R.T. -0.01 min

Lab File: BN010919.D

Acq: 16 Jun 2020 22:27

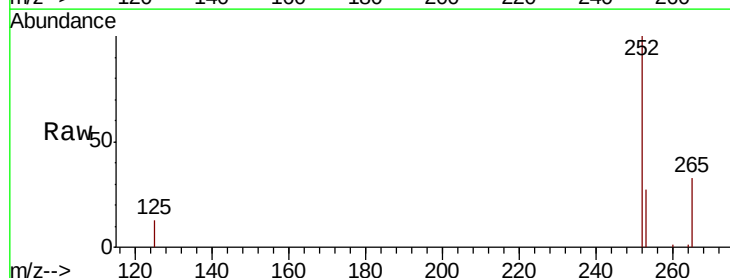
Tgt Ion:252 Resp: 13141

Ion Ratio Lower Upper

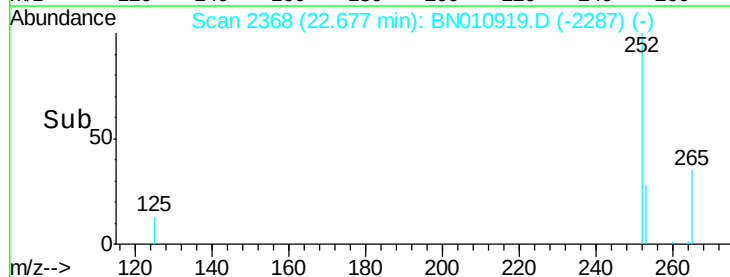
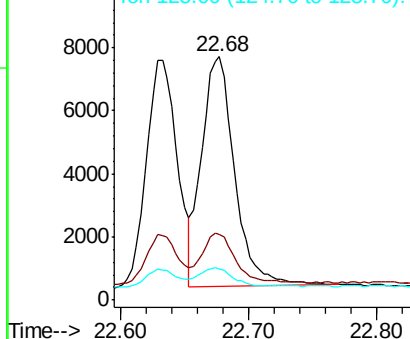
252 100

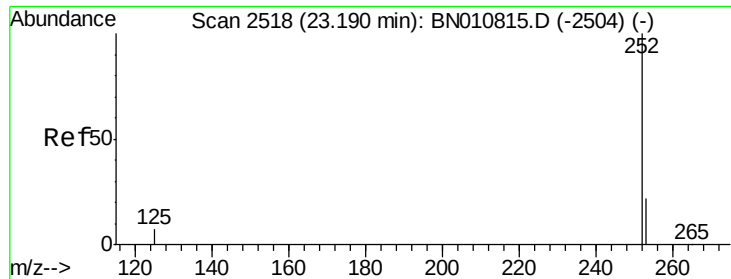
253 27.2 22.2 33.4

125 12.8 9.8 14.8



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

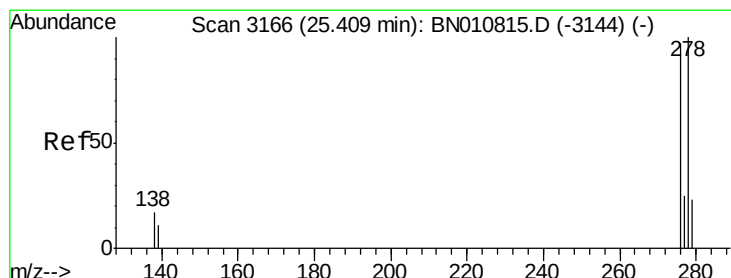
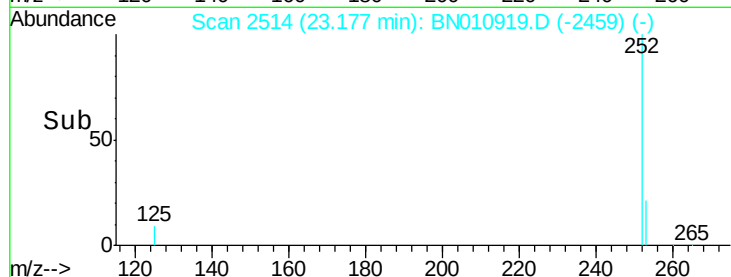
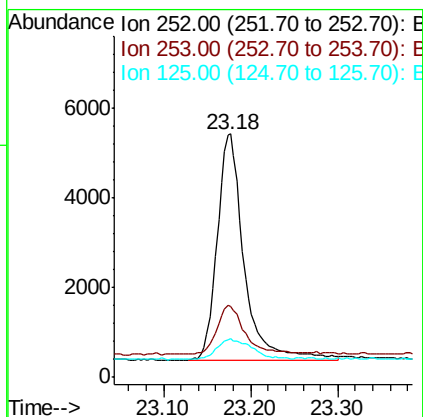
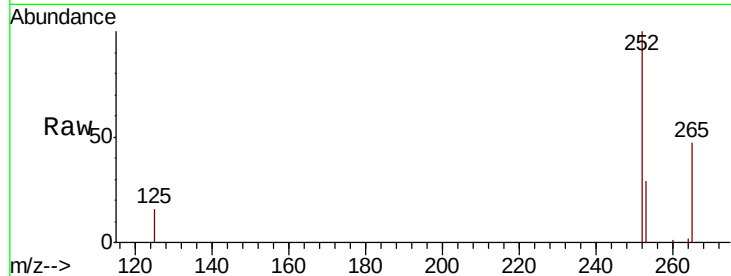




#37
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.18 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

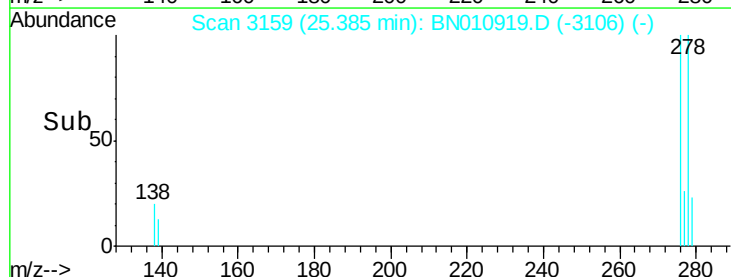
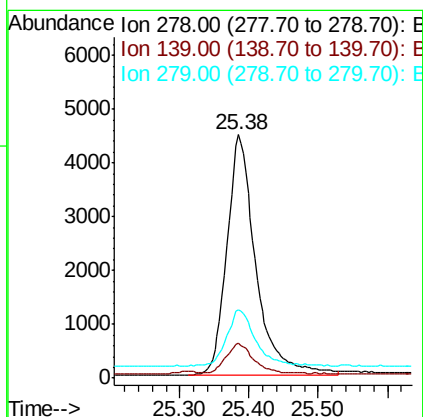
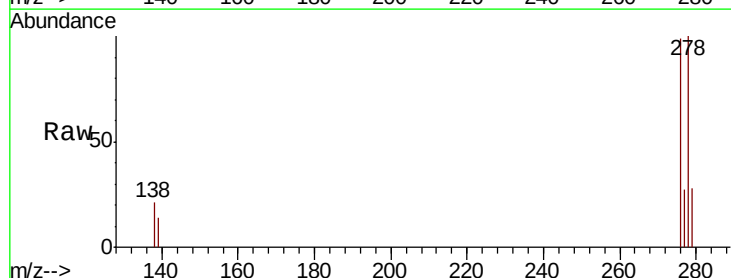
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

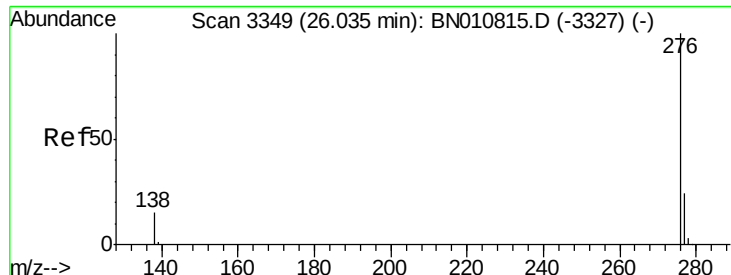
Tot Ion:252 Resp: 10778
Ion Ratio Lower Upper
252 100
253 29.1 25.8 38.8
125 16.0 12.4 18.6



#38
Dibenzo(a,h)anthracene
Concen: 0.439 ng
RT: 25.38 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BN010919.D
Acq: 16 Jun 2020 22:27

Tgt Ion:278 Resp: 12929
Ion Ratio Lower Upper
278 100
139 14.1 10.6 15.8
279 28.0 23.6 35.4





#39

Benzo(a,h,i)perylene

Concen: 0.398 ng

RT: 26.01 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BN010919.D

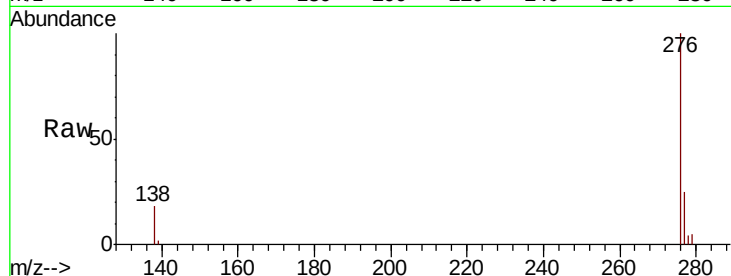
Acq: 16 Jun 2020 22:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



Tot Ion: 276 Resp: 12244

Ion Ratio Lower Upper

276 100

277 25.0 20.5 30.7

138 18.4 13.7 20.5

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

