

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010821.D
 Acq On : 10 Jun 2020 17:27
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 10 18:29:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2261	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	7436	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4119	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	8397	0.40	ng	0.00
27) Chrysene-d12	21.13	240	7301	0.40	ng	0.00
34) Perylene-d12	23.29	264	7076	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1839	0.42	ng	0.00
5) Phenol-d6	6.75	99	2165	0.42	ng	0.00
8) Nitrobenzene-d5	8.69	82	2337	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	11.90	152	4892	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	559	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	6860	0.42	ng	0.00
25) Fluoranthene-d10	18.97	212	9391	0.41	ng	0.00
29) Terphenyl-d14	19.58	244	7311	0.43	ng	0.00

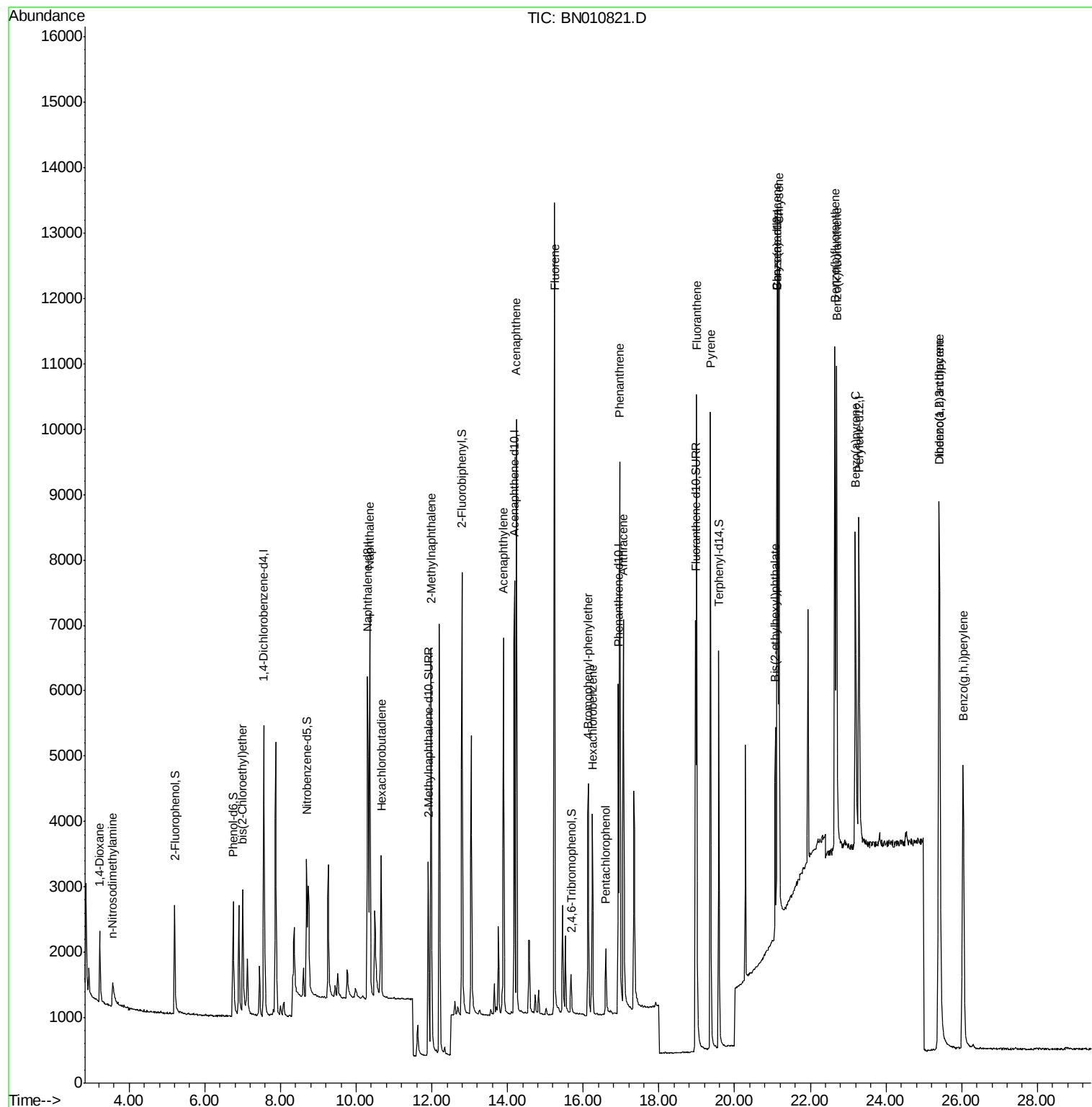
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	945	0.427	ng	97
3) n-Nitrosodimethylamine	3.56	42	441	0.343	ng	# 92
6) bis(2-Chloroethyl)ether	7.00	93	2013	0.402	ng	98
9) Naphthalene	10.35	128	7960	0.426	ng	99
10) Hexachlorobutadiene	10.66	225	1939	0.420	ng	# 99
12) 2-Methylnaphthalene	11.98	142	5191	0.415	ng	99
16) Acenaphthylene	13.89	152	6747	0.400	ng	100
17) Acenaphthene	14.24	154	4698	0.408	ng	99
18) Fluorene	15.24	166	6041	0.407	ng	98
20) 4-Bromophenyl-phenylether	16.14	248	2073	0.411	ng	97
21) Hexachlorobenzene	16.24	284	2190	0.416	ng	99
22) Pentachlorophenol	16.59	266	672	0.380	ng	97
23) Phenanthrene	16.96	178	9467	0.413	ng	99
24) Anthracene	17.06	178	7704	0.402	ng	99
26) Fluoranthene	19.00	202	10407	0.400	ng	100
28) Pyrene	19.36	202	10329	0.428	ng	99
30) Benzo(a)anthracene	21.12	228	8473	0.395	ng	99
31) Chrysene	21.17	228	10770	0.431	ng	97
32) Bis(2-ethylhexyl)phthalate	21.08	149	3035	0.424	ng	95
33) Indeno(1,2,3-cd)pyrene	25.40	276	11579	0.414	ng	99
35) Benzo(b)fluoranthene	22.65	252	9762	0.406	ng	99
36) Benzo(k)fluoranthene	22.69	252	10516	0.410	ng	99
37) Benzo(a)pyrene	23.19	252	8266	0.401	ng	98
38) Dibenzo(a,h)anthracene	25.42	278	9422	0.400	ng	100
39) Benzo(g,h,i)perylene	26.04	276	9900	0.402	ng	100

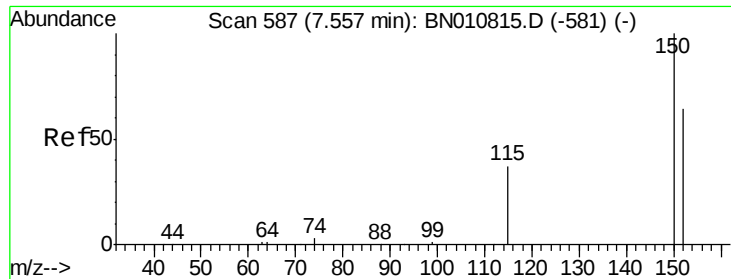
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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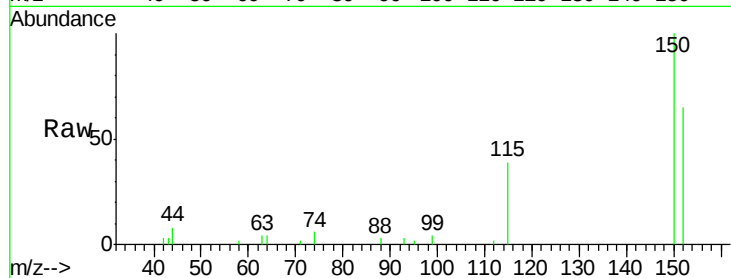


#1

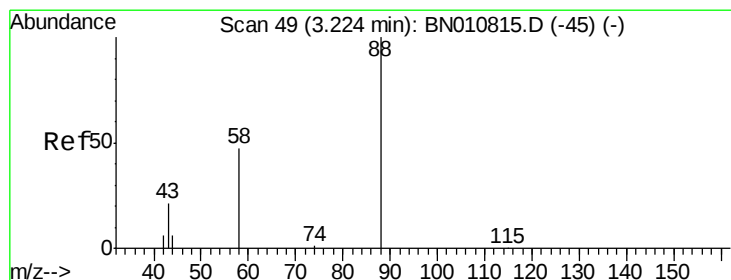
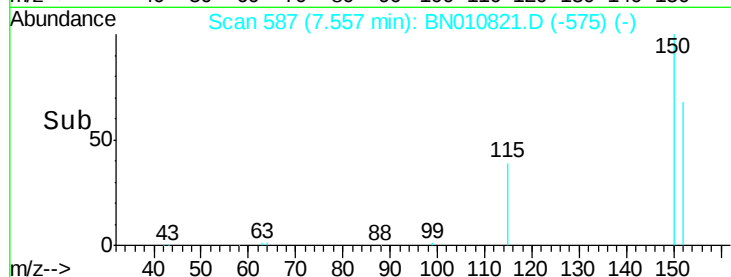
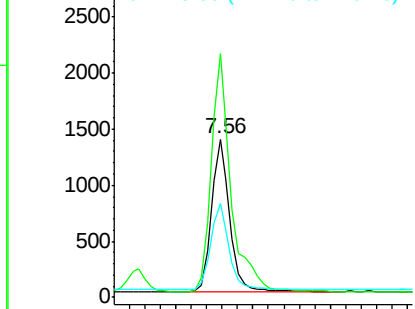
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2261
Ion Ratio Lower Upper
152 100
150 153.7 123.8 185.6
115 59.7 49.2 73.8



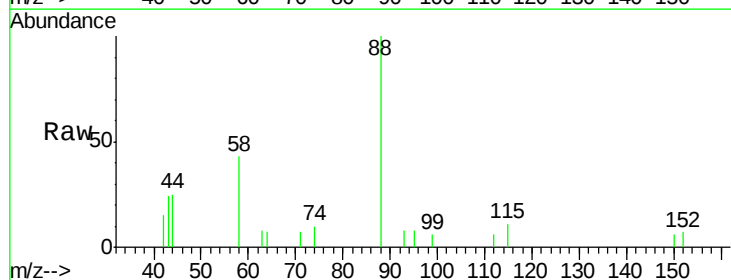
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



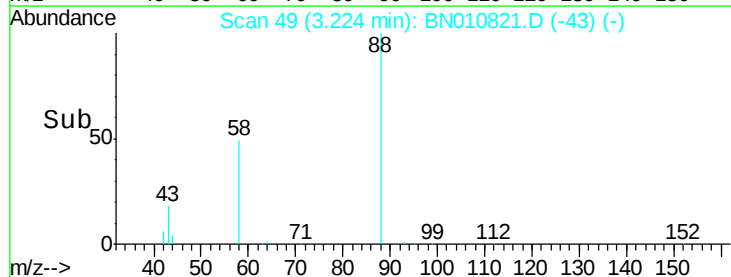
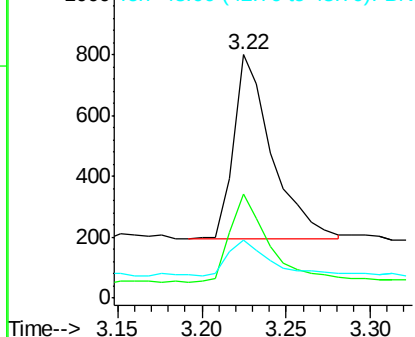
#2

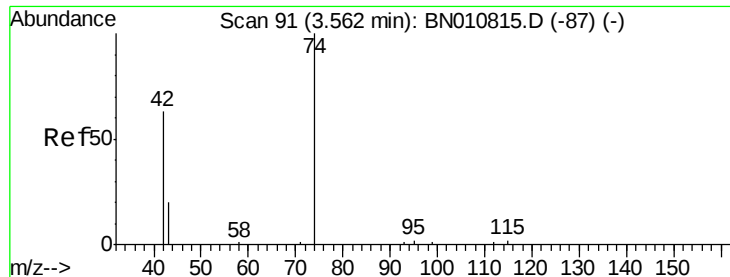
1,4-Dioxane
Concen: 0.427 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion: 88 Resp: 945
Ion Ratio Lower Upper
88 100
58 49.6 38.2 57.4
43 20.3 15.1 22.7



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



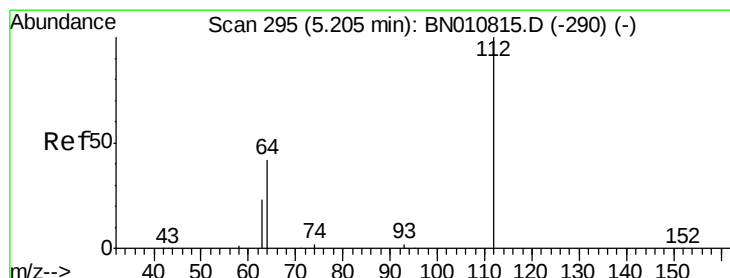
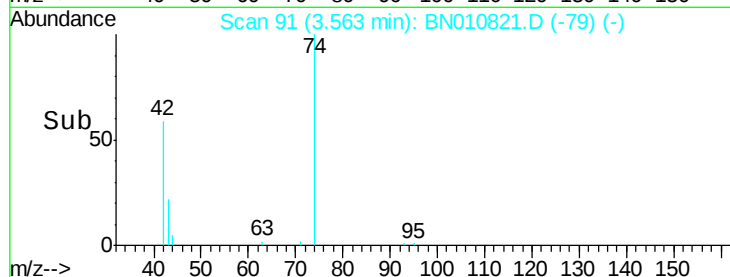
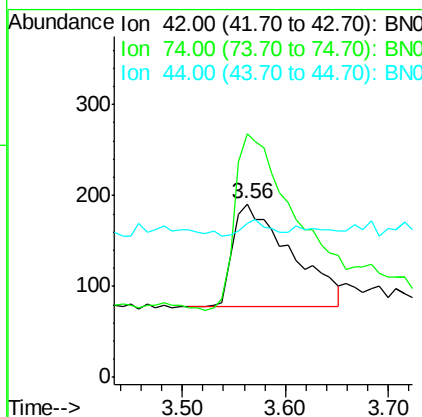
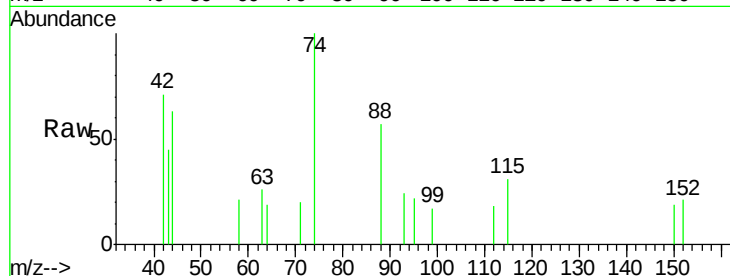


#3

n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

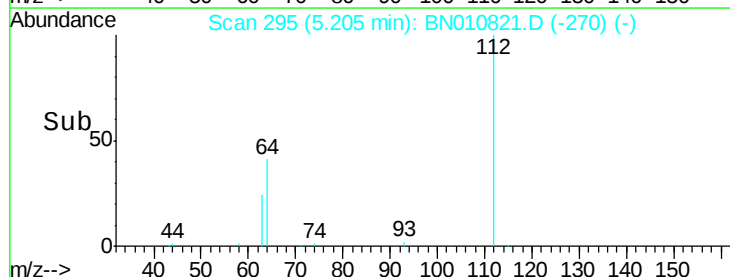
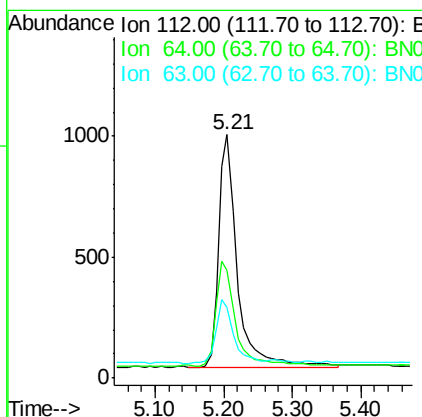
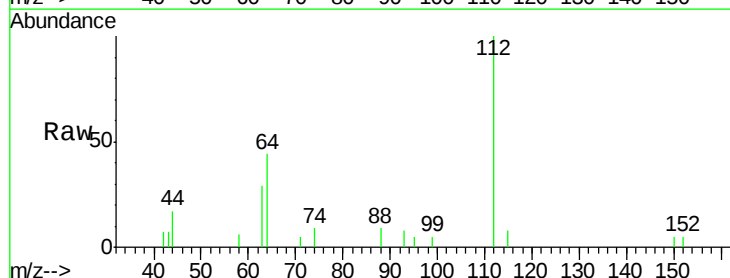
Tot Ion: 42 Resp: 441
Ion Ratio Lower Upper
42 100
74 187.3 140.7 211.1
44 6.1 1.4 2.2#

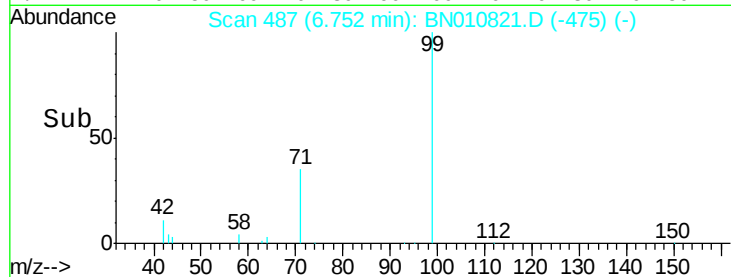
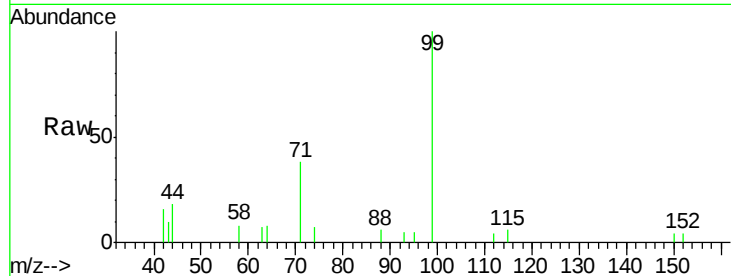
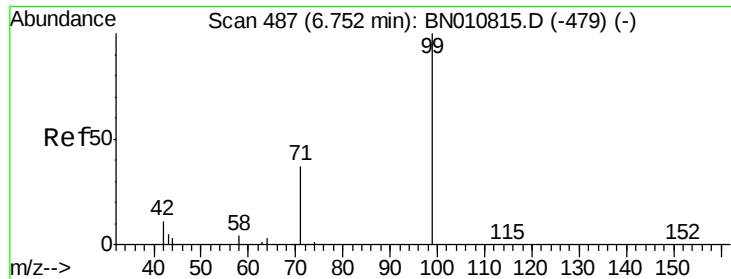


#4

2-Fluorophenol
Concen: 0.421 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion: 112 Resp: 1839
Ion Ratio Lower Upper
112 100
64 46.6 37.4 56.0
63 26.3 22.2 33.4





#5

Phenol-d6

Concen: 0.421 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

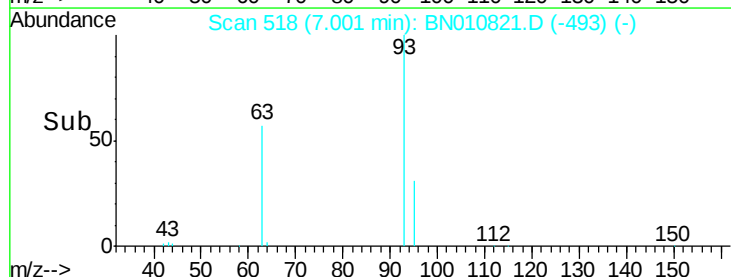
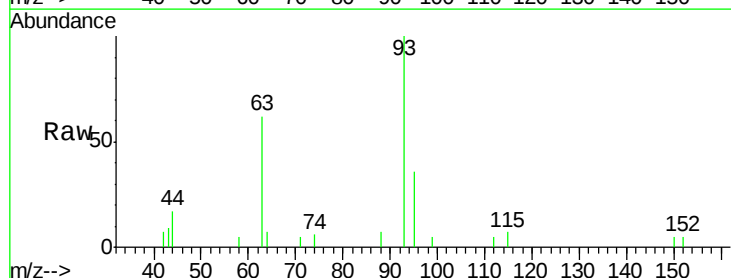
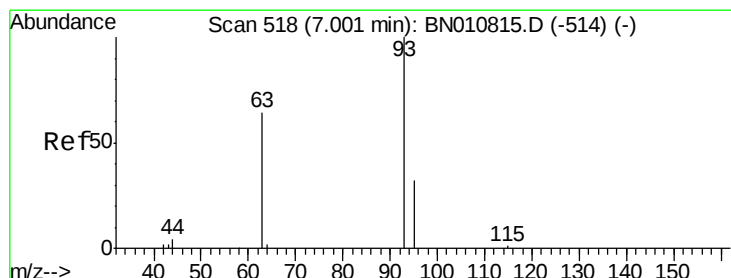
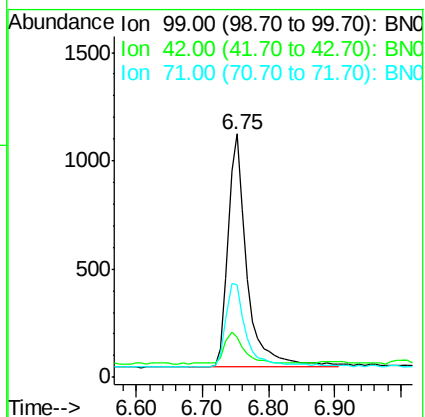
Tot Ion: 99 Resp: 2165

Ion Ratio Lower Upper

99 100

42 14.4 11.1 16.7

71 38.8 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.402 ng

RT: 7.00 min Scan# 518

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

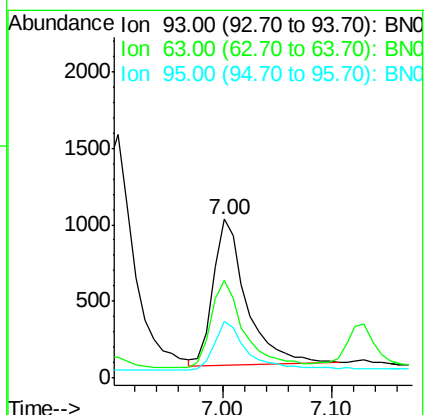
Tgt Ion: 93 Resp: 2013

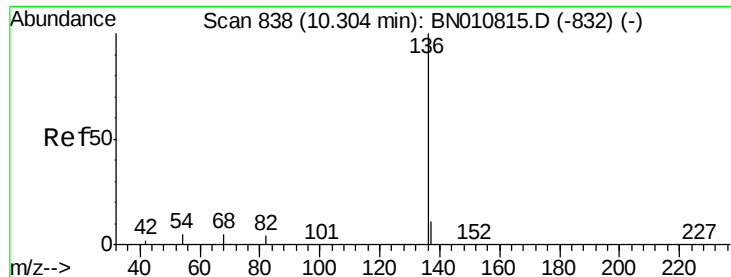
Ion Ratio Lower Upper

93 100

63 61.3 49.4 74.2

95 36.2 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 7436

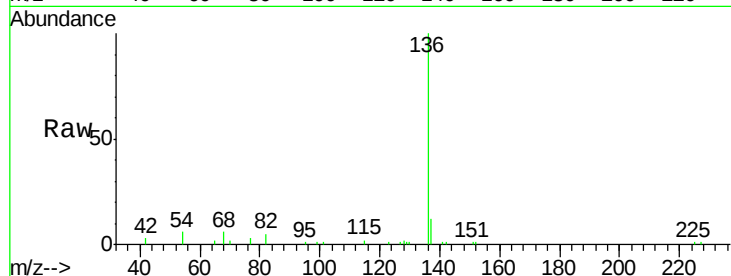
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 5.6 4.9 7.3

68 6.0 4.7 7.1

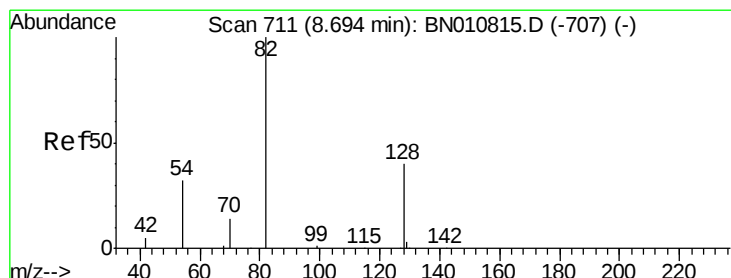
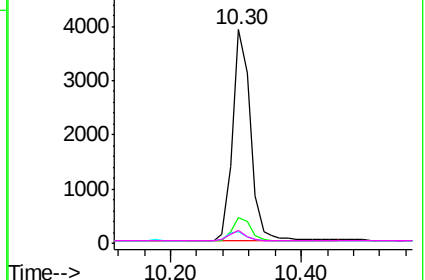
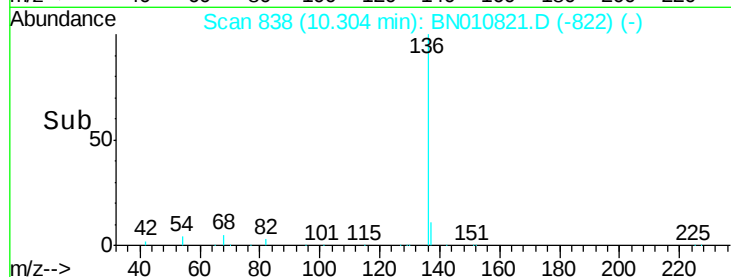


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.69 min Scan# 711

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

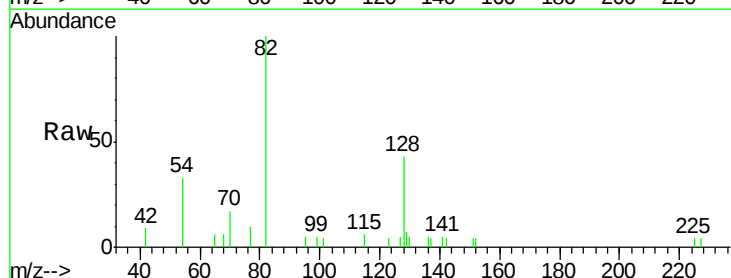
Tgt Ion: 82 Resp: 2337

Ion Ratio Lower Upper

82 100

128 43.0 35.4 53.0

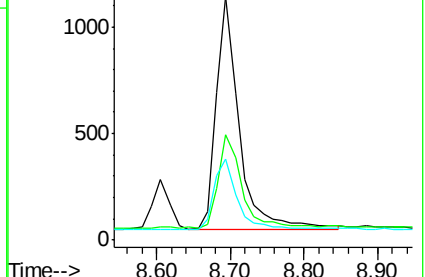
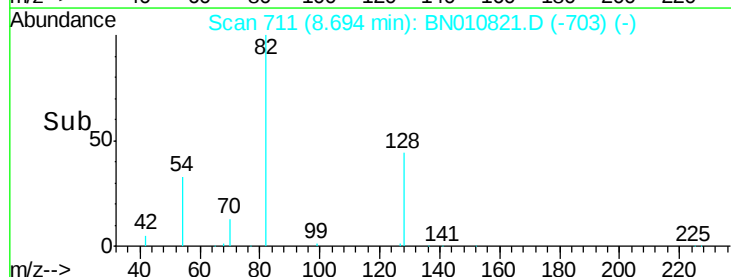
54 33.3 28.2 42.4

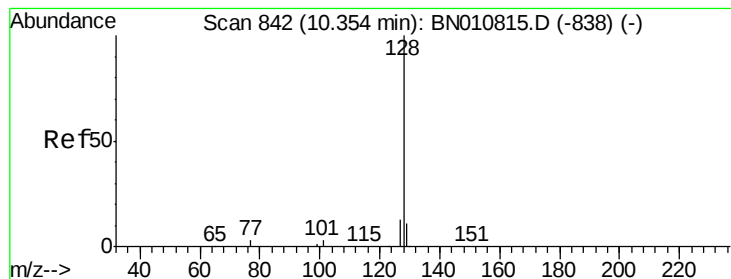


Abundance Ion 82.00 (81.70 to 82.70): BNC

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: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

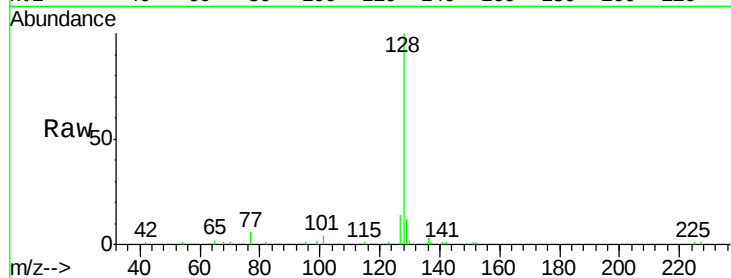
Tot Ion:128 Resp: 7960

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

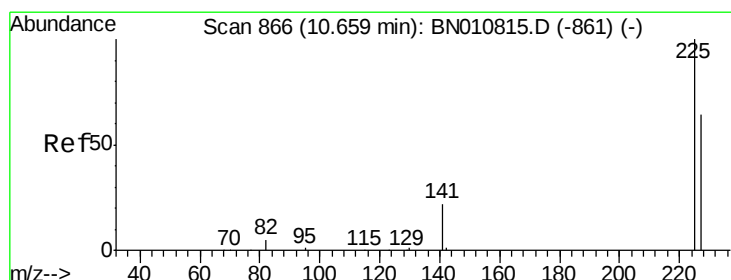
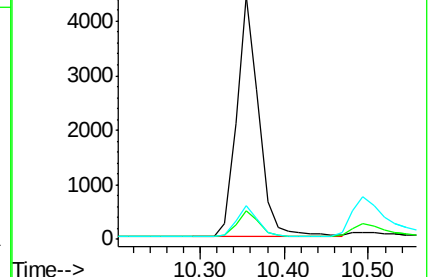
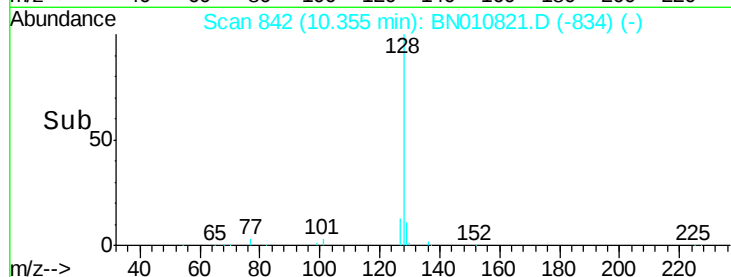
127 14.1 11.4 17.2



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: 0.420 ng

RT: 10.66 min Scan# 866

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

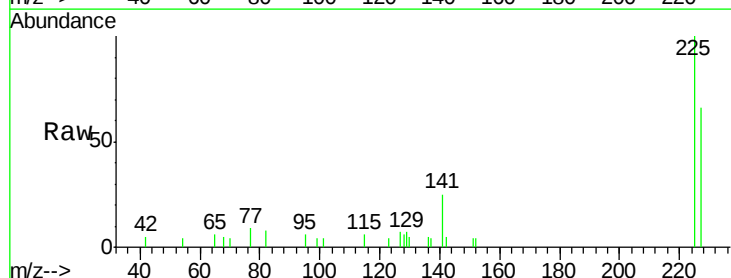
Tgt Ion:225 Resp: 1939

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

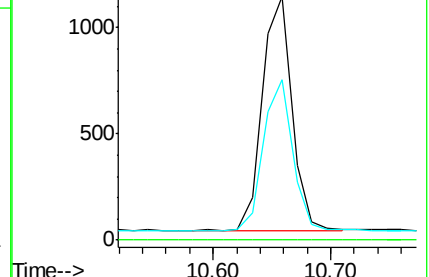
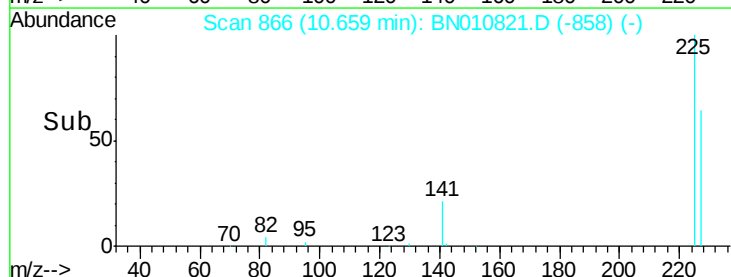
227 63.7 50.5 75.7

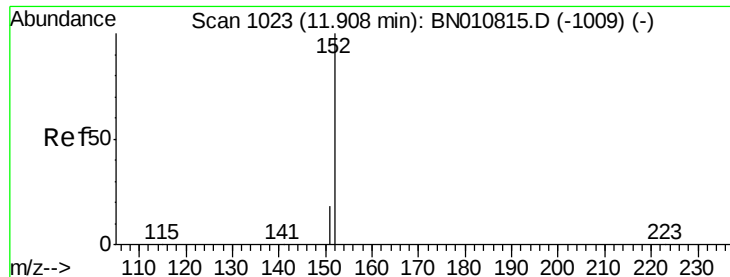


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

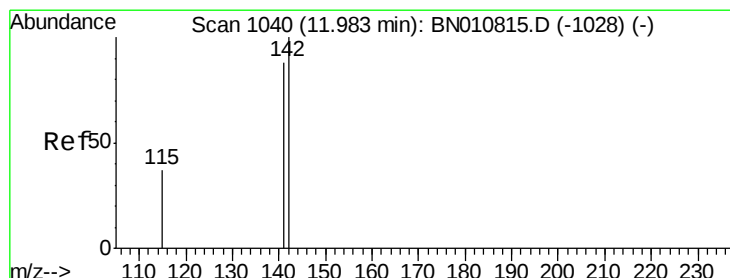
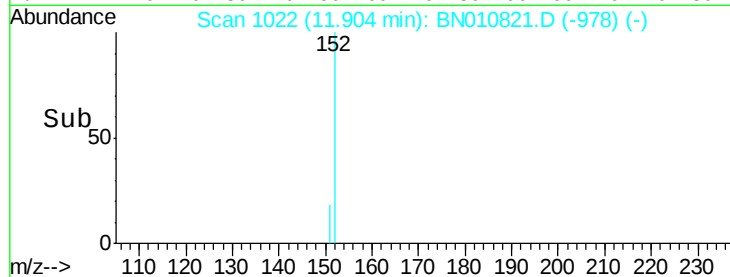
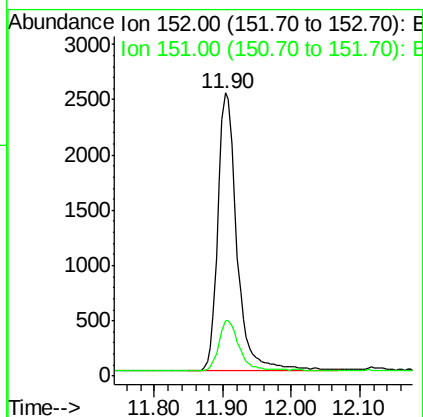
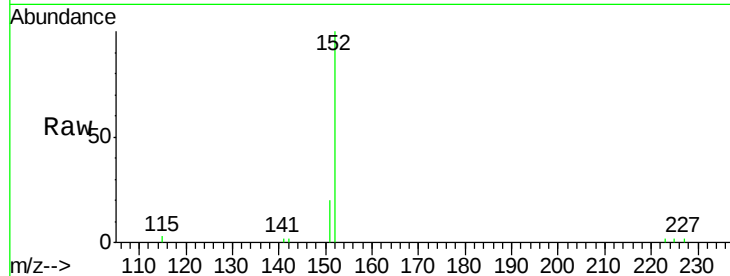




#11
 2-Methylnaphthalene-d10
 Concen: 0.424 ng
 RT: 11.90 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BN010821.D
 Acq: 10 Jun 2020 17:27

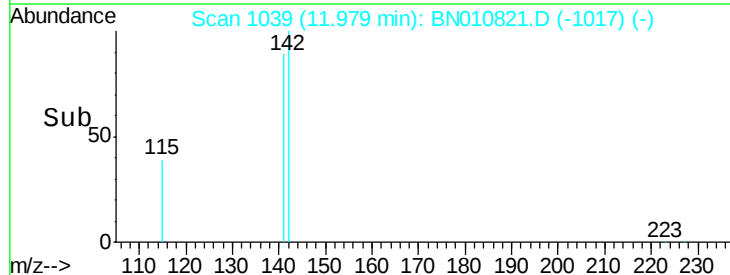
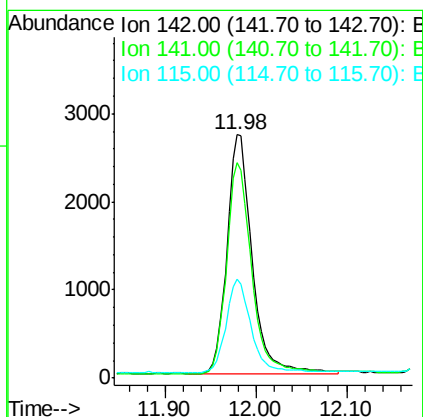
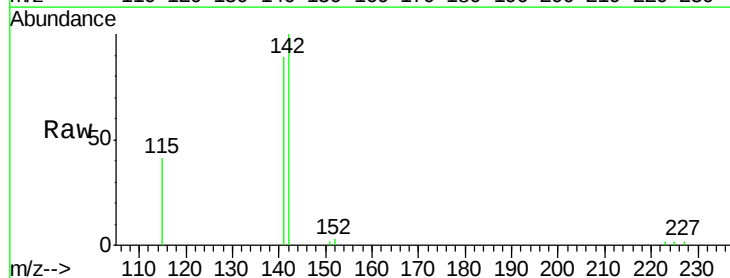
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

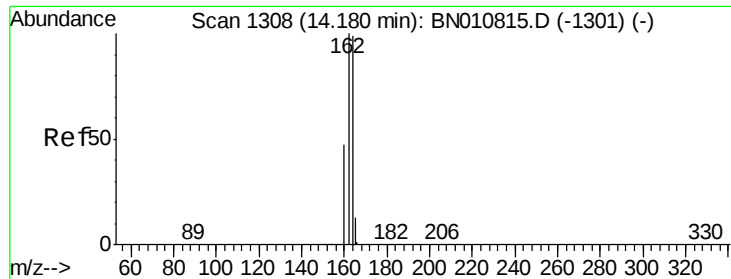
Tot Ion:152 Resp: 4892
 Ion Ratio Lower Upper
 152 100
 151 19.0 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.415 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BN010821.D
 Acq: 10 Jun 2020 17:27

Tgt Ion:142 Resp: 5191
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.8 106.2
 115 40.9 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

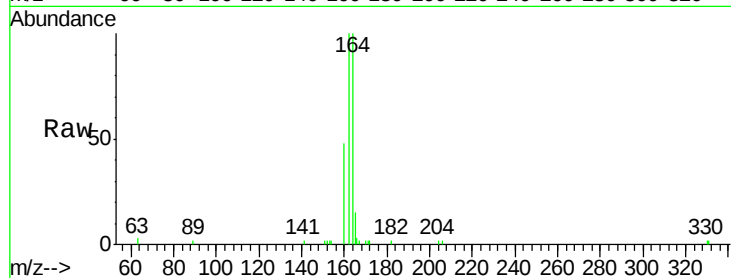
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:164 Resp: 4119

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.6
160	48.2	38.9	58.3

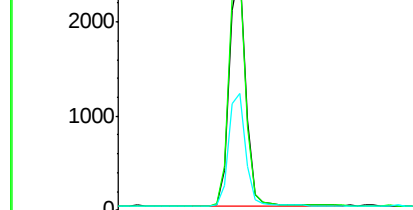


Abundance Ion 164.00 (163.70 to 164.70): E

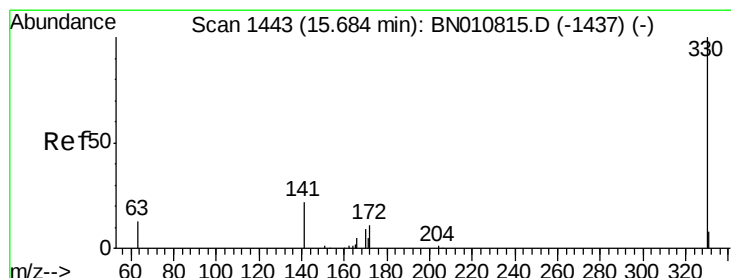
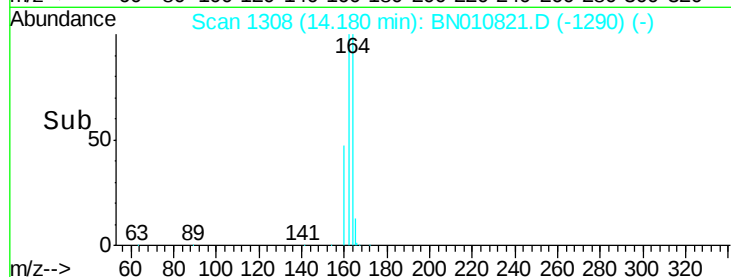
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.18



14.10 14.20 14.30



#14

2,4,6-Tribromophenol

Concen: 0.379 ng

RT: 15.68 min Scan# 1443

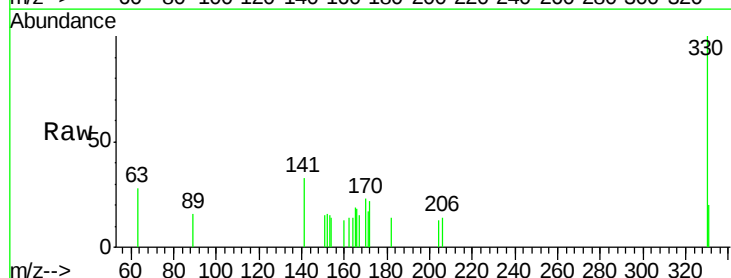
Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Tgt Ion:330 Resp: 559

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.6	33.2	49.8

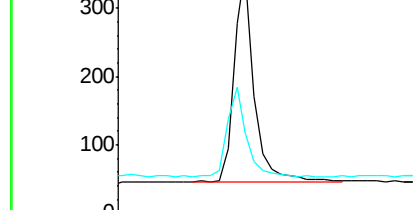


Abundance Ion 330.00 (329.70 to 330.70): E

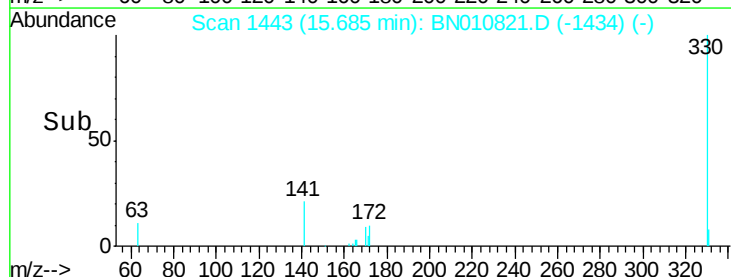
Ion 331.80 (331.50 to 332.50): E

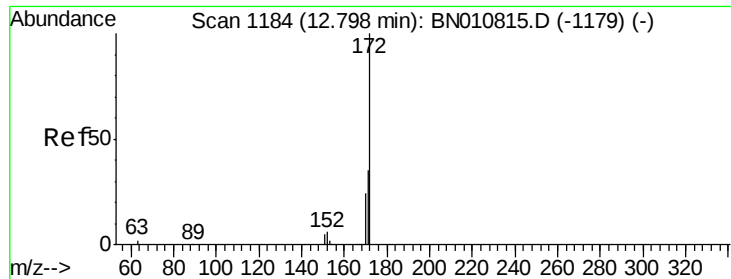
Ion 141.00 (140.70 to 141.70): E

15.68



15.60 15.70 15.80

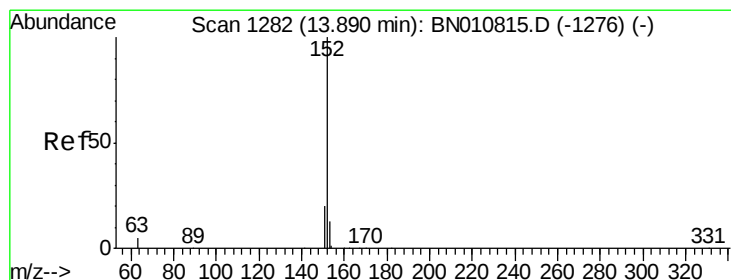
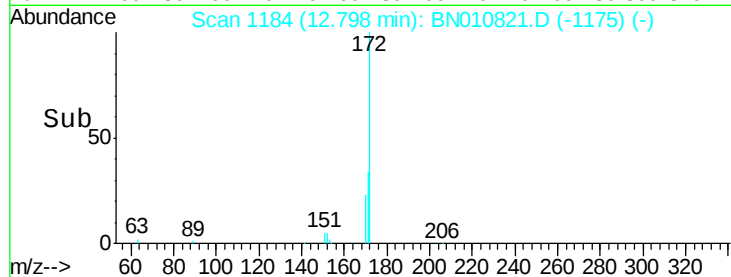
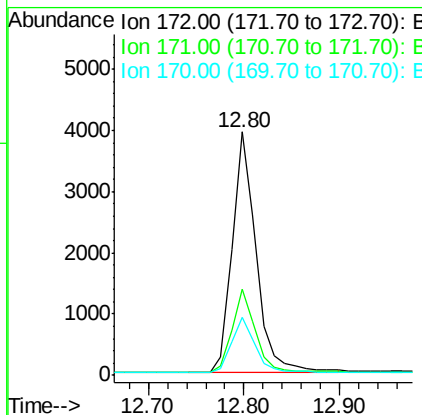
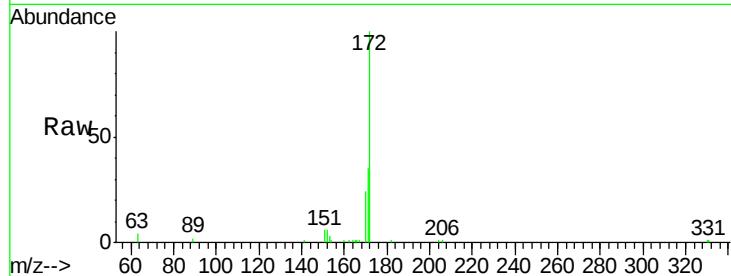




#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

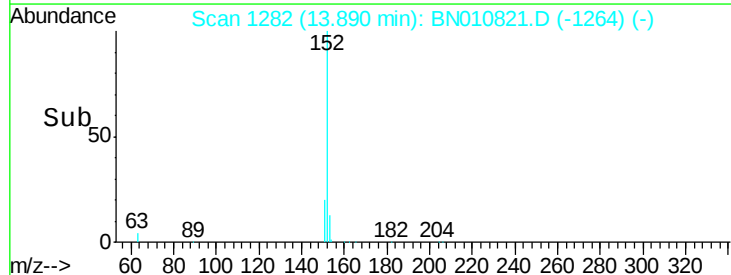
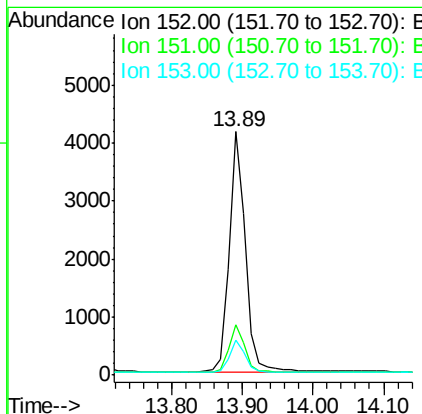
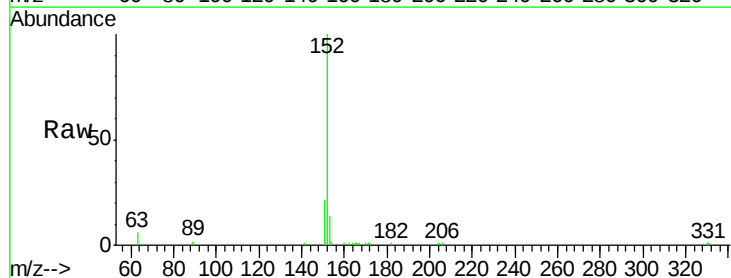
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

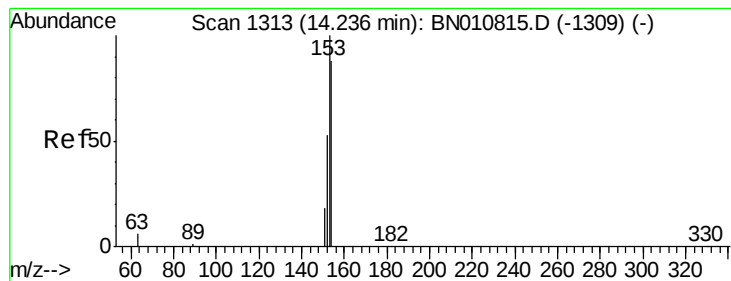
Tot Ion:172 Resp: 6860
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.7 19.7 29.5



#16
Acenaphthylene
Concen: 0.400 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:152 Resp: 6747
Ion Ratio Lower Upper
152 100
151 19.4 15.6 23.4
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.408 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

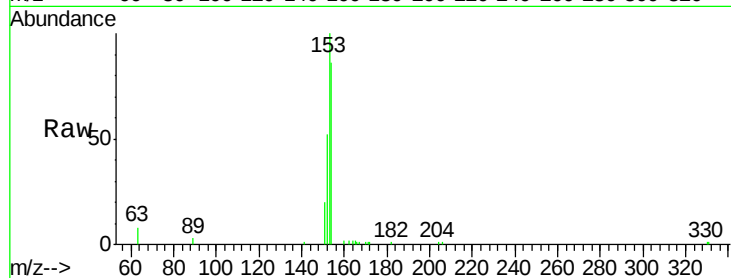
Tot Ion:154 Resp: 4698

Ion Ratio Lower Upper

154 100

153 115.2 91.8 137.6

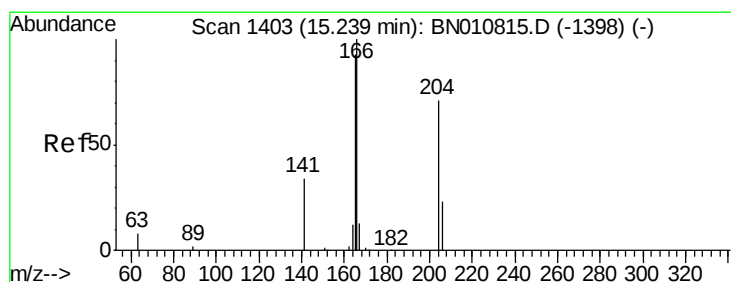
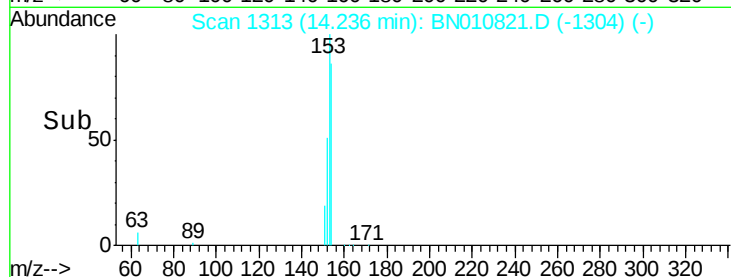
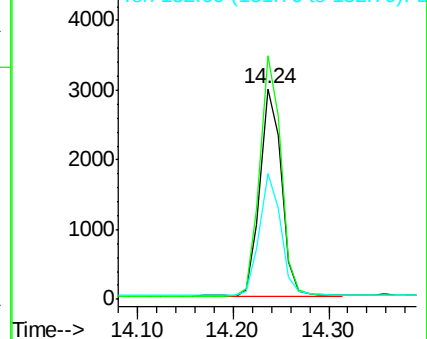
152 58.5 47.6 71.4



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: 0.407 ng

RT: 15.24 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

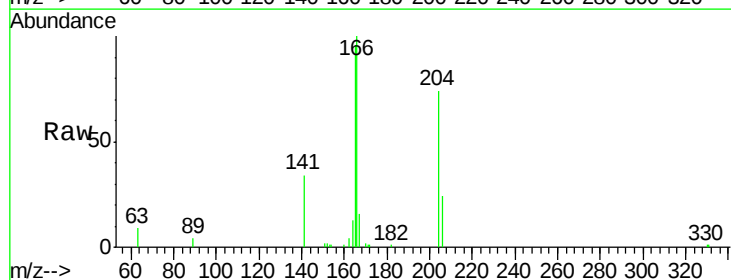
Tgt Ion:166 Resp: 6041

Ion Ratio Lower Upper

166 100

165 98.5 77.2 115.8

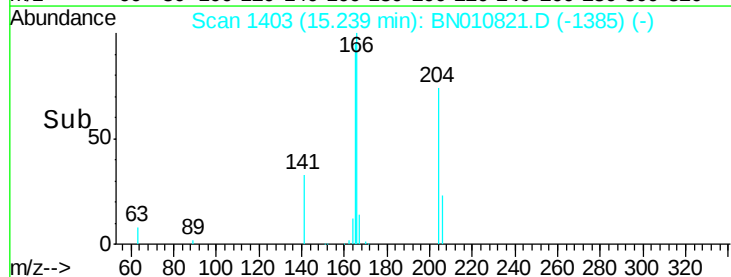
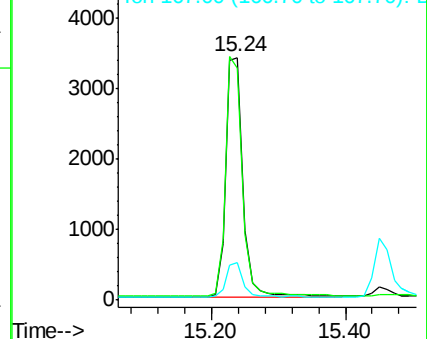
167 13.9 10.7 16.1

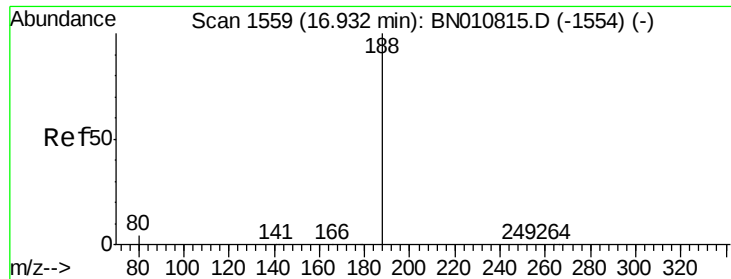


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.93 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

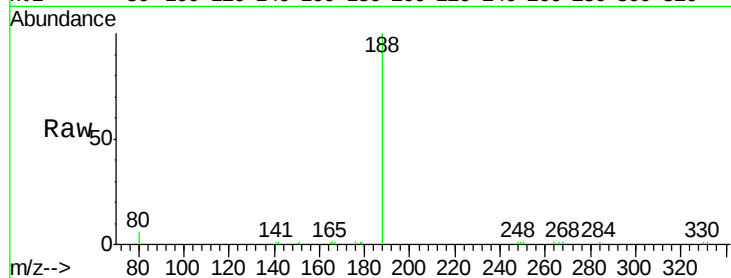
Tot Ion:188 Resp: 8397

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

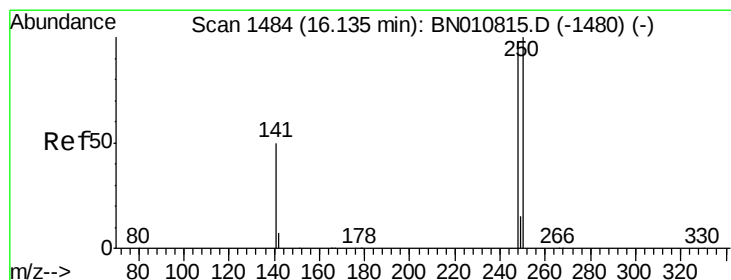
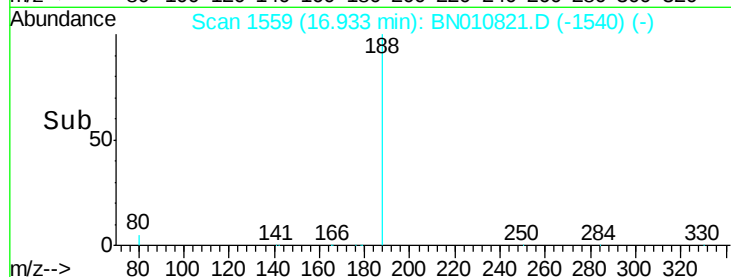
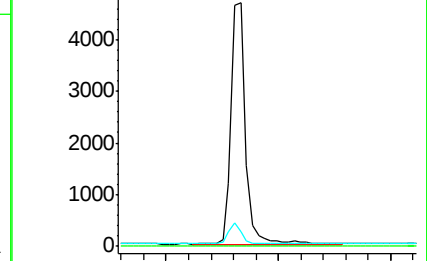
80 5.9 4.5 6.7



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: 0.411 ng

RT: 16.14 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

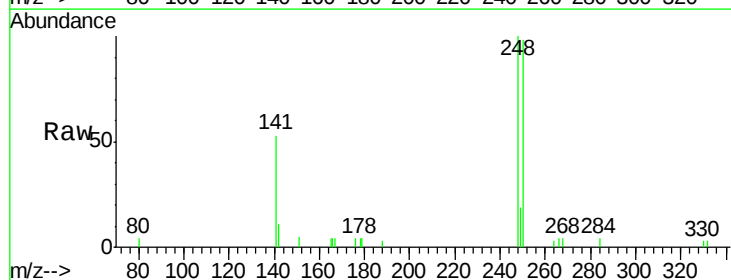
Tgt Ion:248 Resp: 2073

Ion Ratio Lower Upper

248 100

250 97.7 81.8 122.8

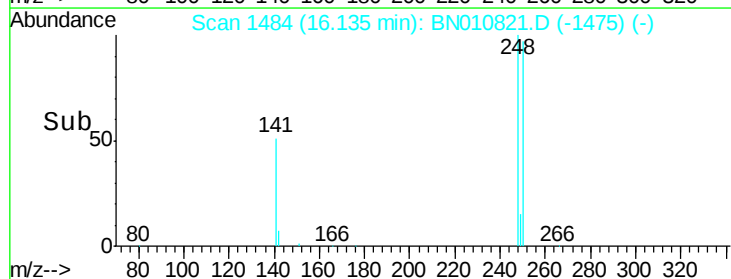
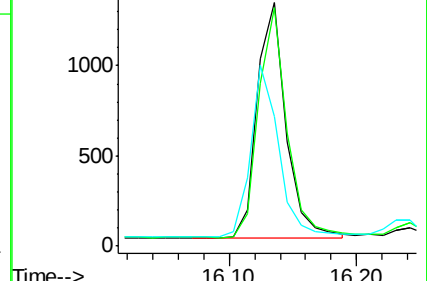
141 53.4 42.6 64.0

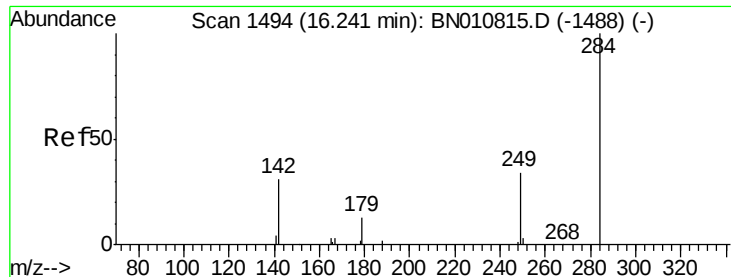


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.416 ng

RT: 16.24 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

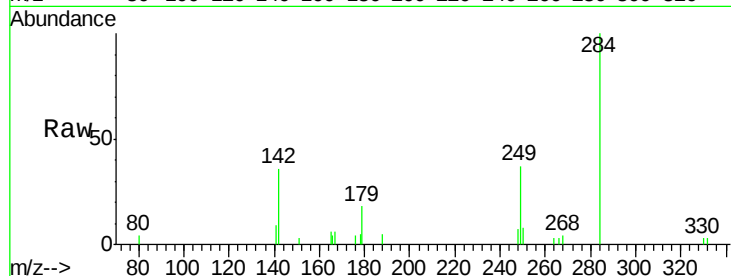
Tot Ion:284 Resp: 2190

Ion Ratio Lower Upper

284 100

142 39.1 31.0 46.4

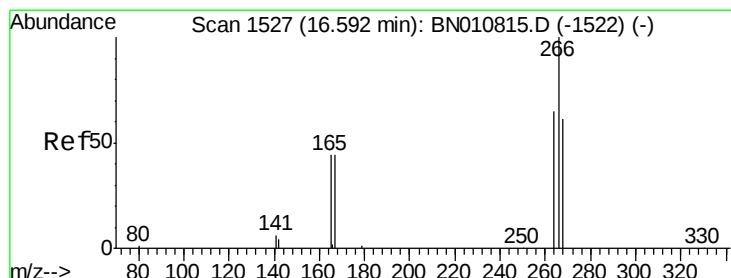
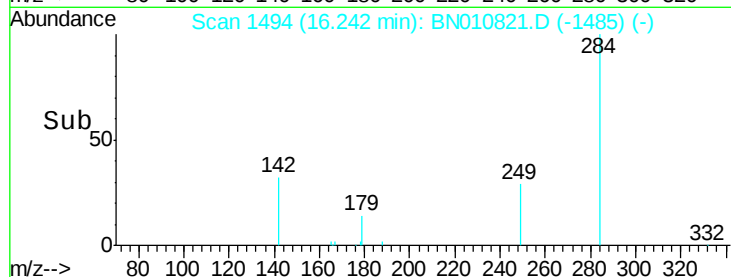
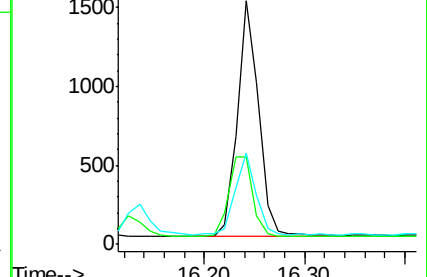
249 33.7 27.1 40.7



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: 0.380 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

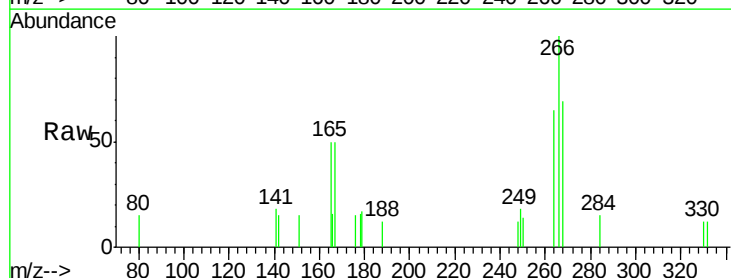
Tgt Ion:266 Resp: 672

Ion Ratio Lower Upper

266 100

264 65.3 54.8 82.2

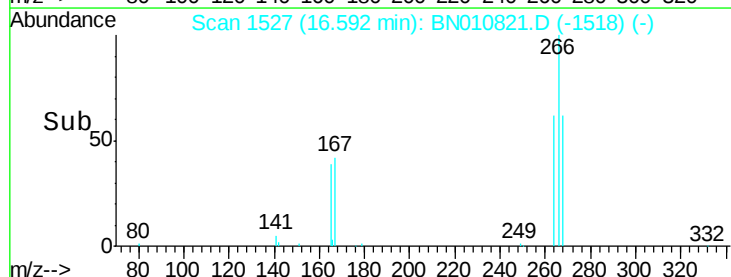
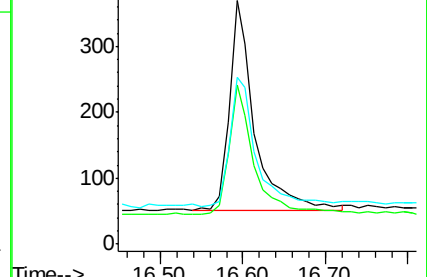
268 68.6 55.9 83.9

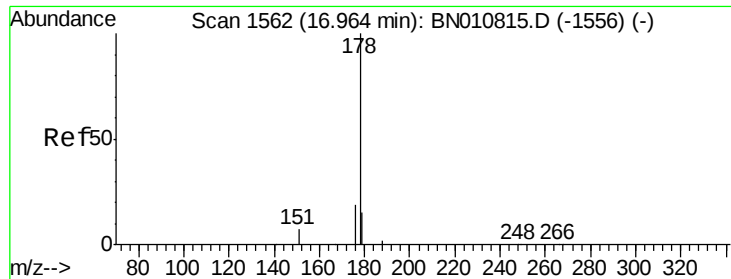


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.413 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

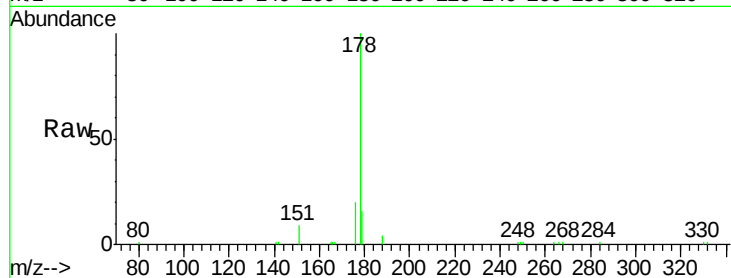
Tot Ion:178 Resp: 9467

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

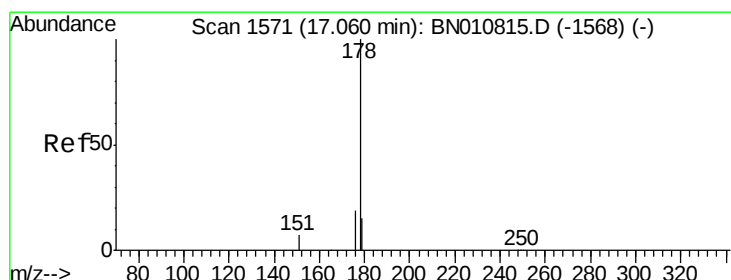
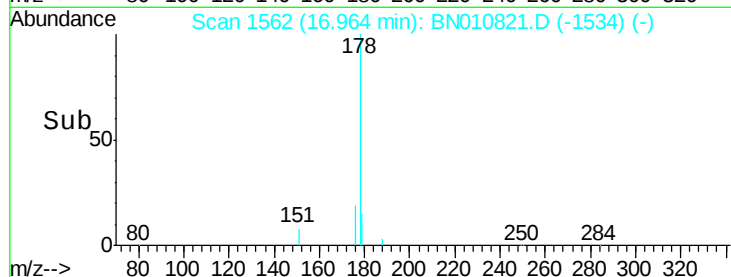
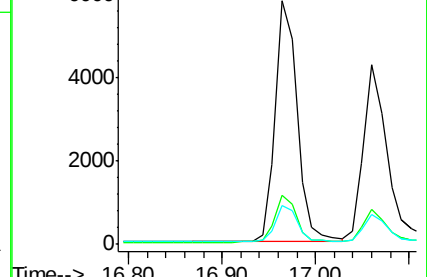
179 15.2 12.6 19.0



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: 0.402 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

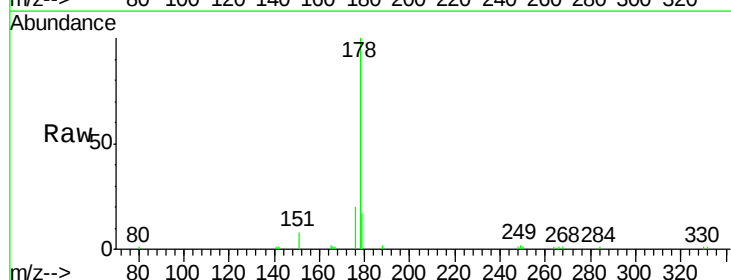
Tgt Ion:178 Resp: 7704

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

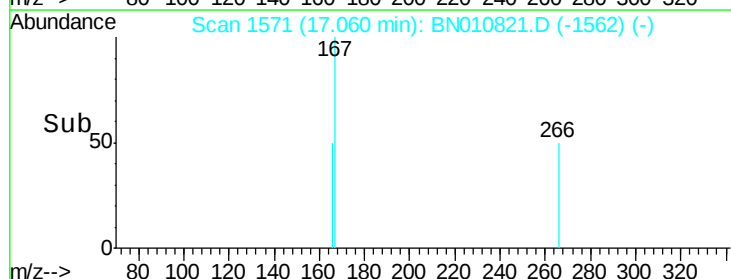
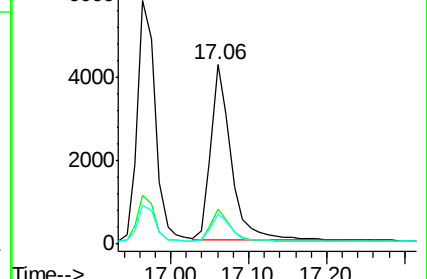
179 15.0 12.3 18.5

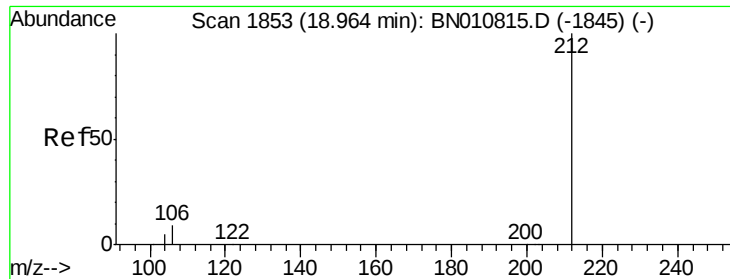


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.405 ng

RT: 18.97 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

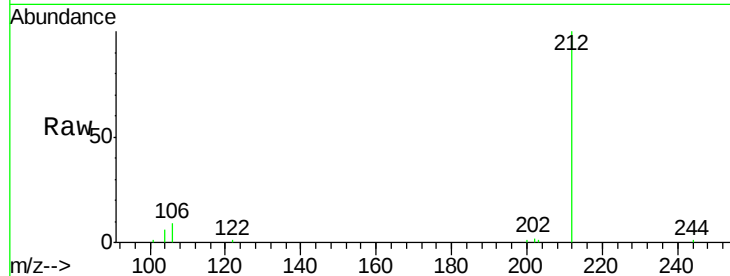
Tot Ion:212 Resp: 9391

Ion Ratio Lower Upper

212 100

106 8.5 6.6 10.0

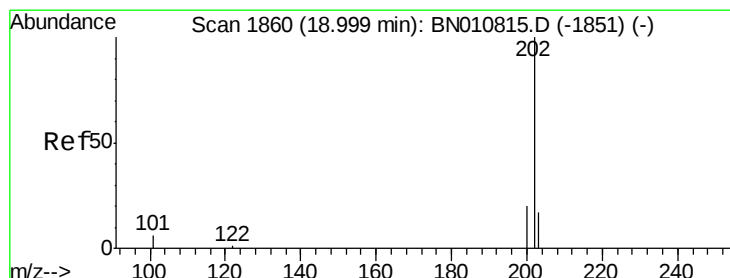
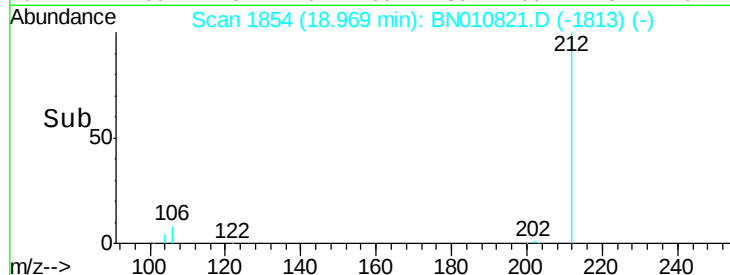
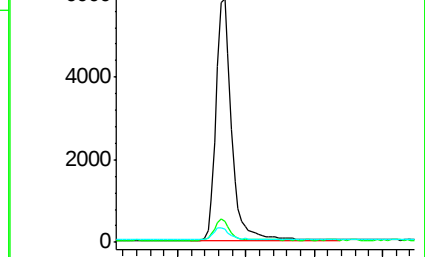
104 4.8 4.0 6.0



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: 0.400 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

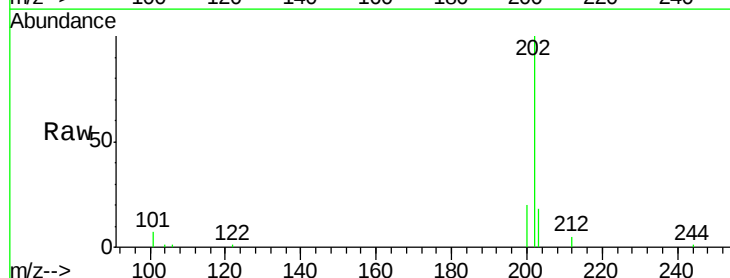
Tgt Ion:202 Resp: 10407

Ion Ratio Lower Upper

202 100

101 7.4 5.8 8.6

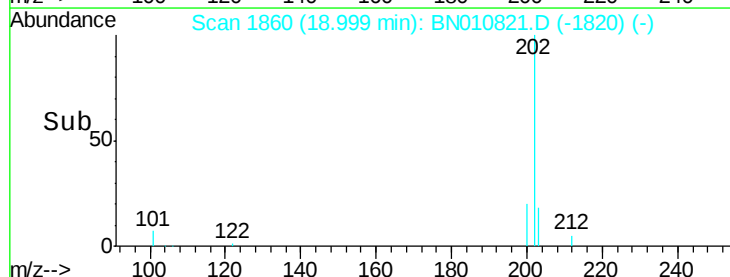
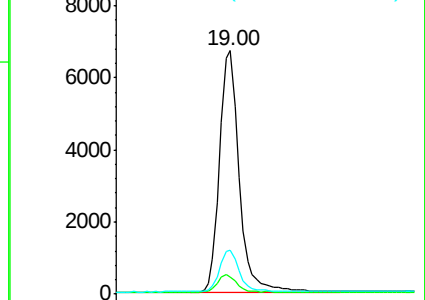
203 17.2 13.7 20.5

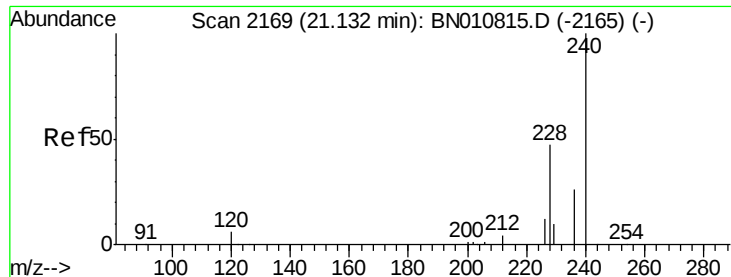


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

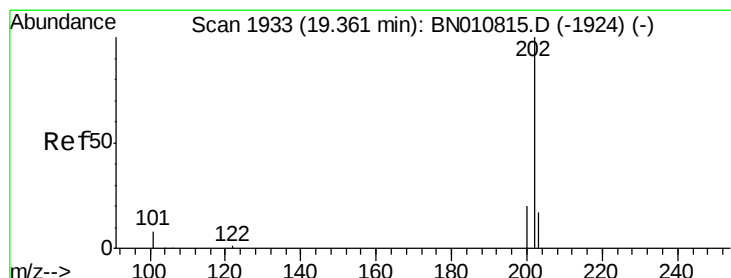
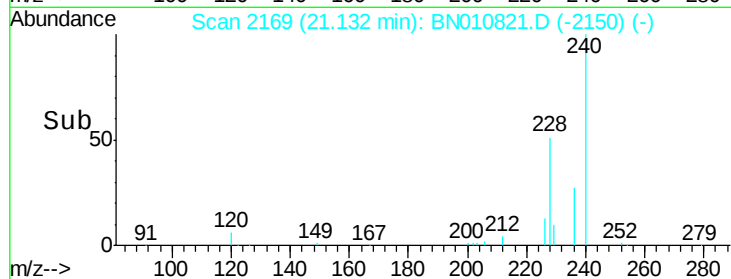
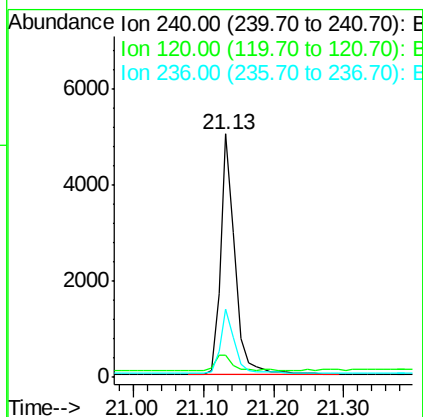
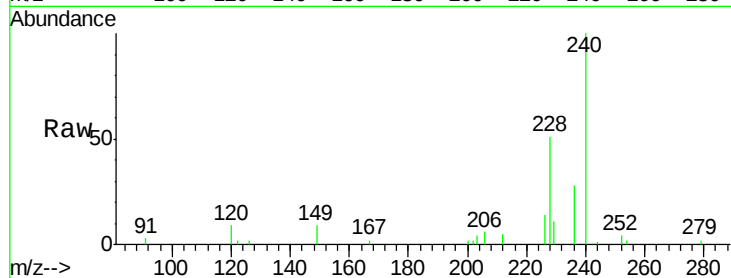




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

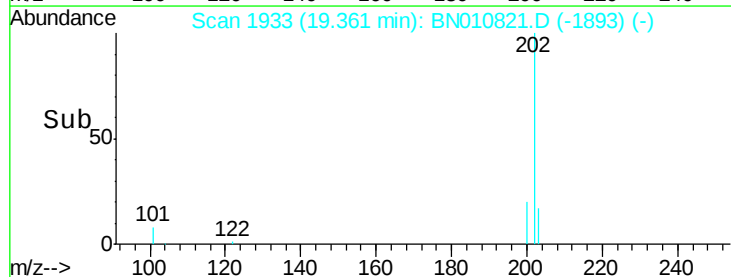
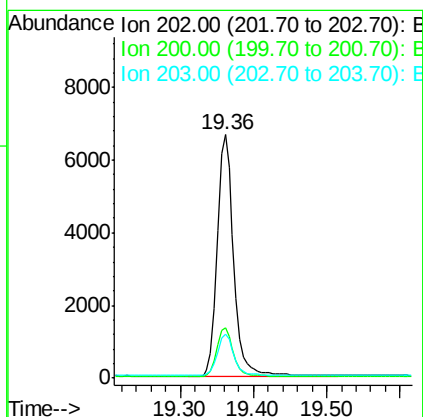
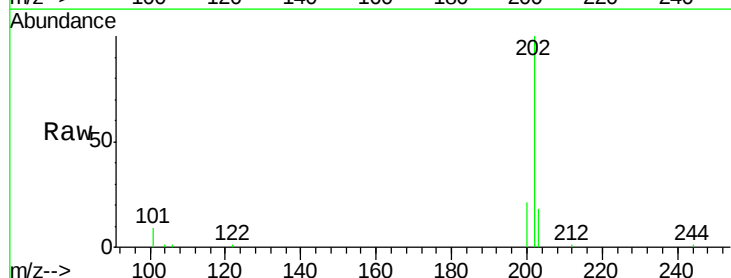
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

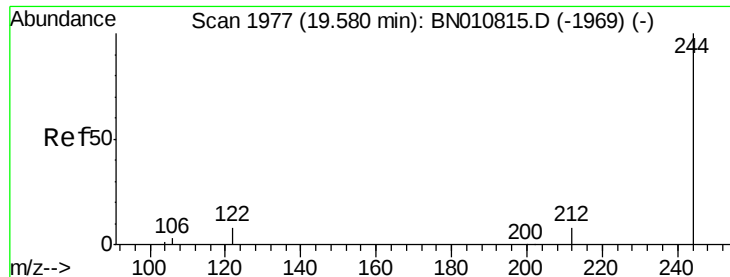
Tot Ion:240 Resp: 7301
Ion Ratio Lower Upper
240 100
120 9.1 7.5 11.3
236 28.0 22.3 33.5



#28
Pyrene
Concen: 0.428 ng
RT: 19.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:202 Resp: 10329
Ion Ratio Lower Upper
202 100
200 20.3 16.4 24.6
203 17.5 14.2 21.4





#29

Terphenyl-d14

Concen: 0.428 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

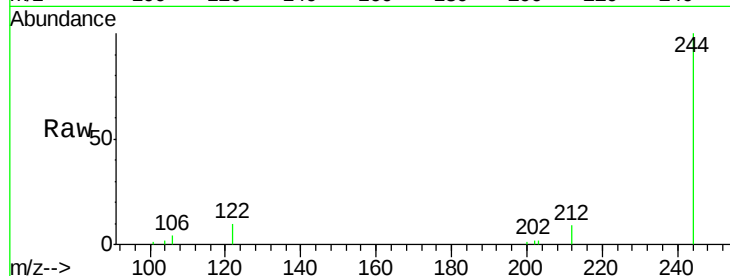
Tot Ion:244 Resp: 7311

Ion Ratio Lower Upper

244 100

212 8.9 7.4 11.2

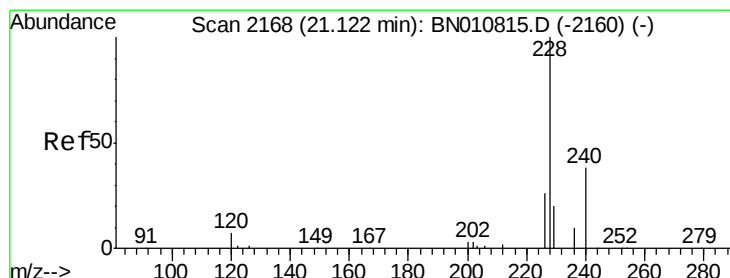
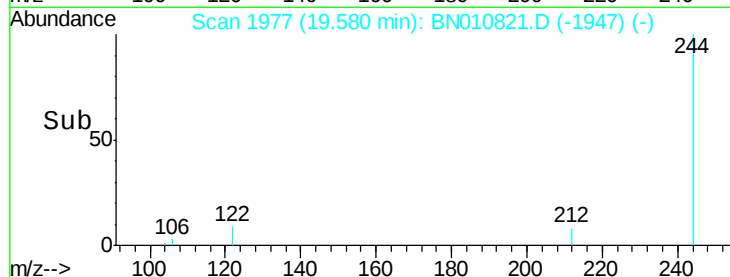
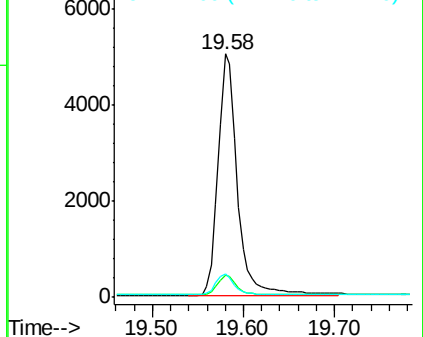
122 9.7 7.5 11.3



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



#30

Benzo(a)anthracene

Concen: 0.395 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

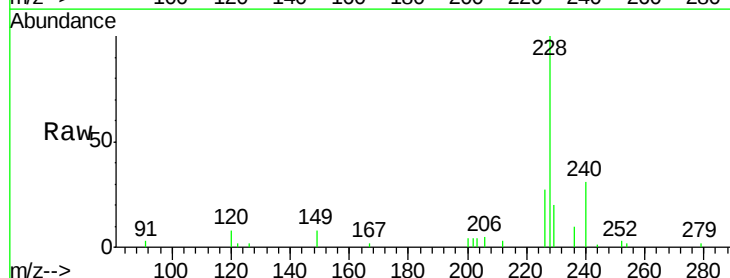
Tgt Ion:228 Resp: 8473

Ion Ratio Lower Upper

228 100

226 27.4 21.3 31.9

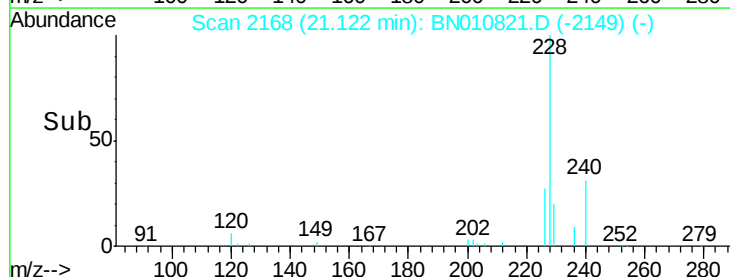
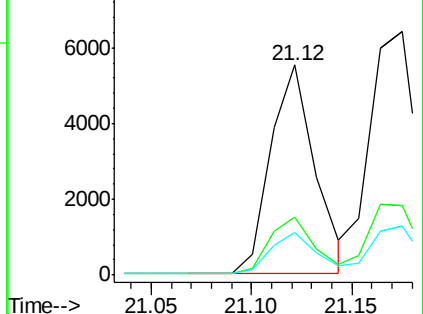
229 20.3 16.6 24.8

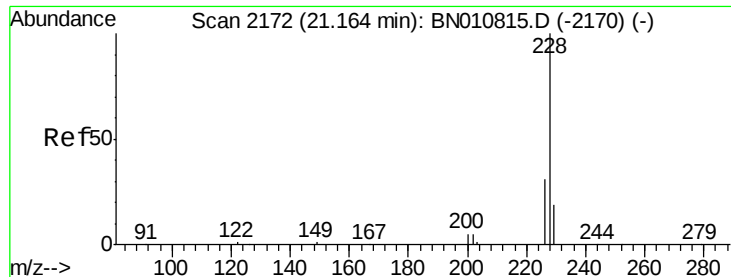


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.431 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

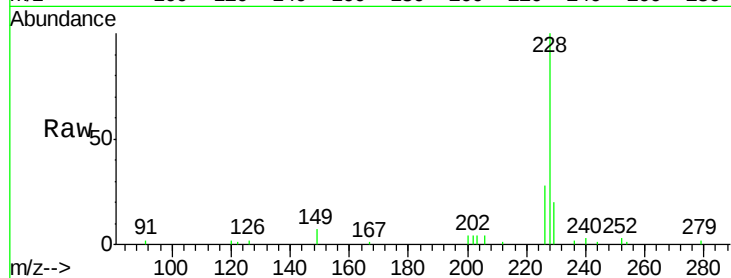
Tot Ion:228 Resp: 10770

Ion Ratio Lower Upper

228 100

226 28.4 25.0 37.6

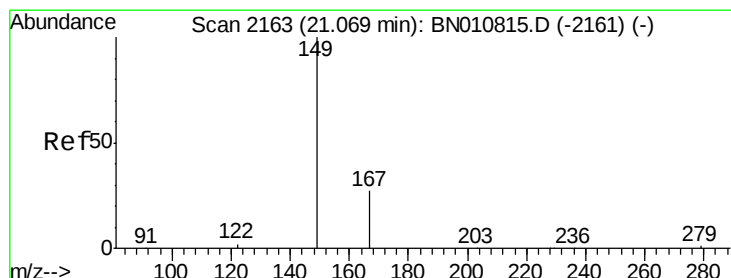
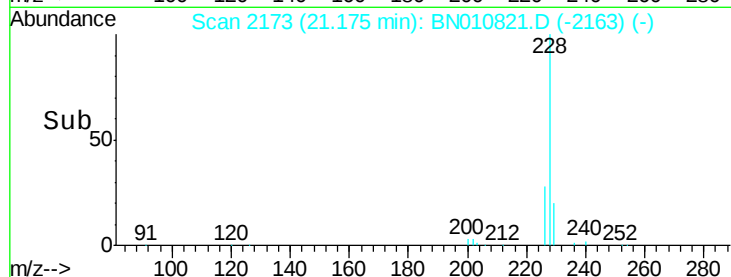
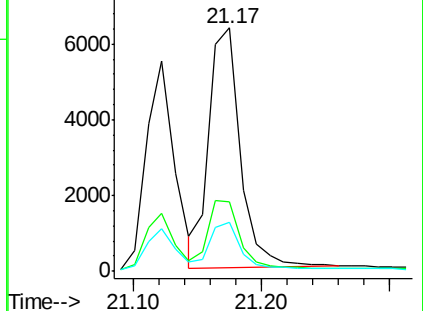
229 20.2 16.1 24.1



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: 0.424 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

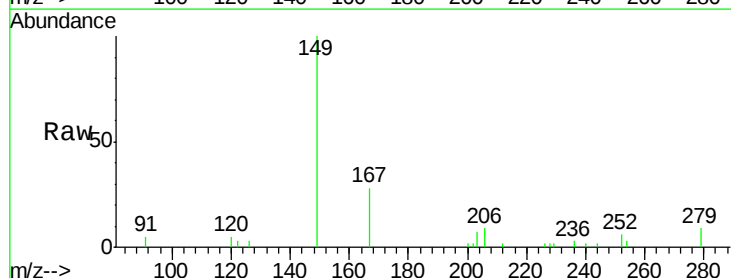
Tgt Ion:149 Resp: 3035

Ion Ratio Lower Upper

149 100

167 27.1 24.1 36.1

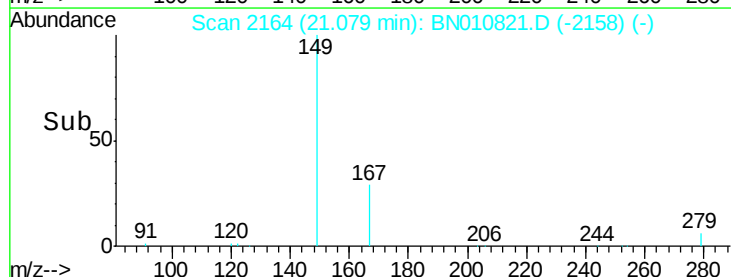
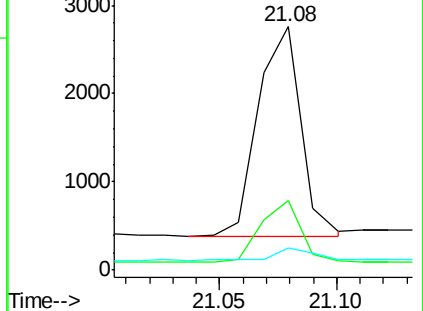
279 5.9 4.6 7.0

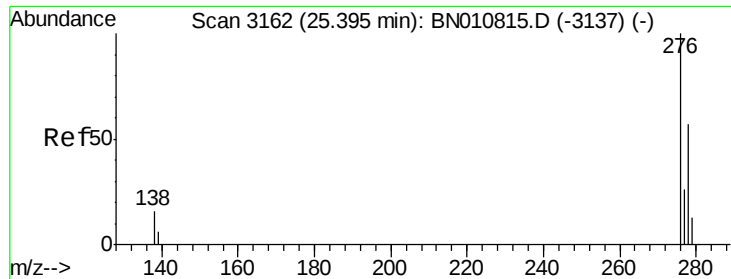


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.414 ng

RT: 25.40 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

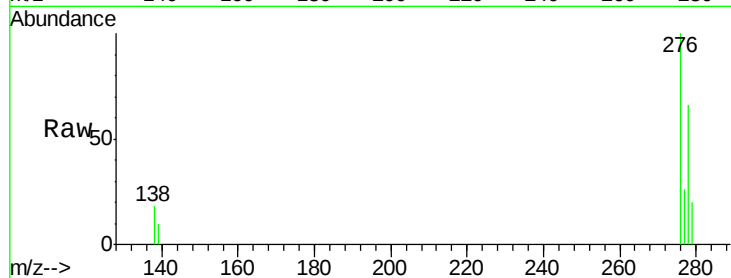
Tot Ion:276 Resp: 11579

Ion Ratio Lower Upper

276 100

138 17.6 13.0 19.6

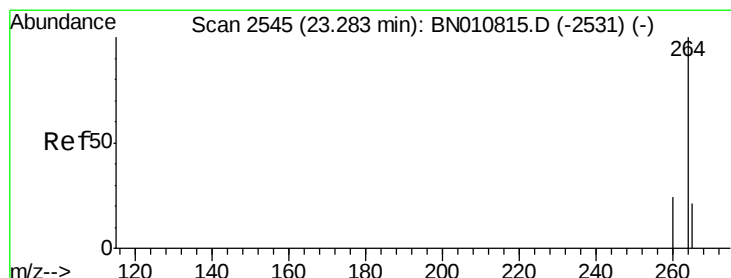
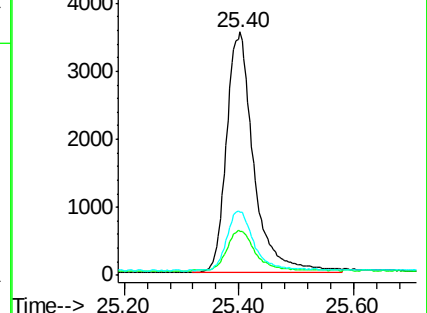
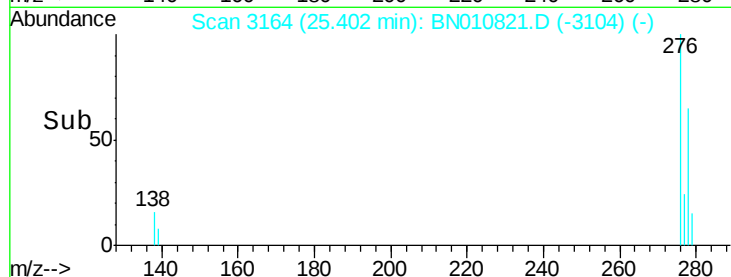
277 24.7 19.7 29.5



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: 23.29 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

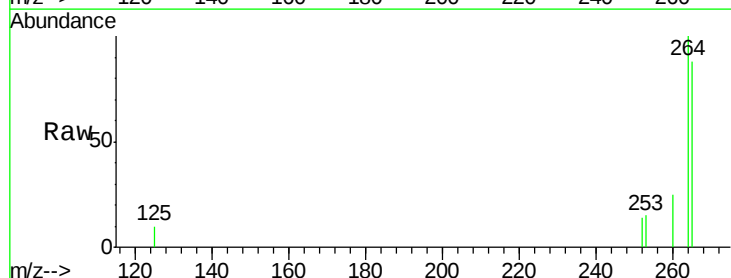
Tgt Ion:264 Resp: 7076

Ion Ratio Lower Upper

264 100

260 25.0 20.4 30.6

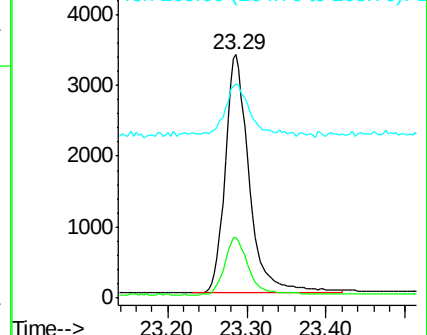
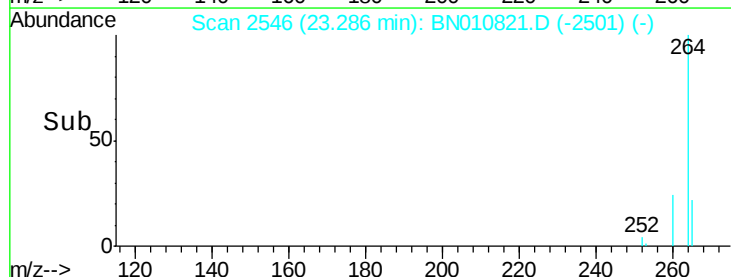
265 87.8 75.0 112.4

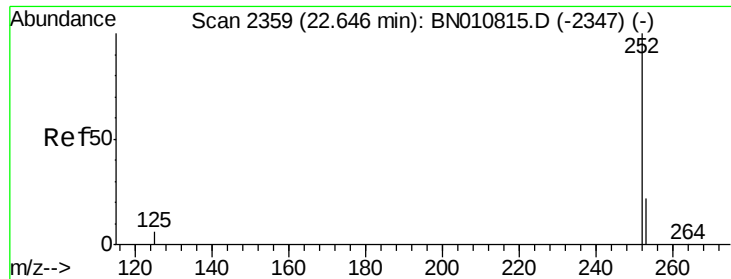


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

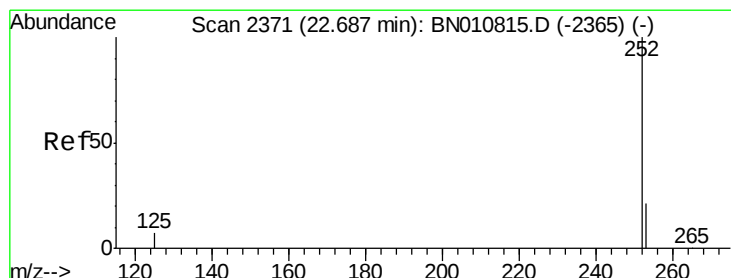
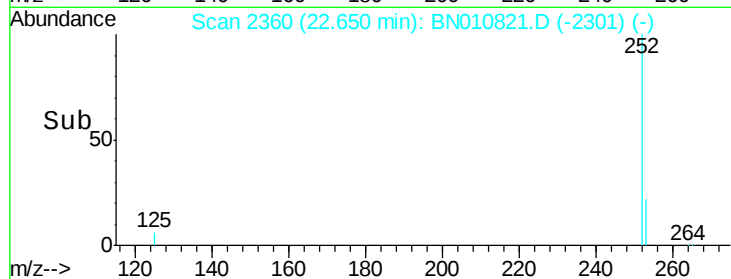
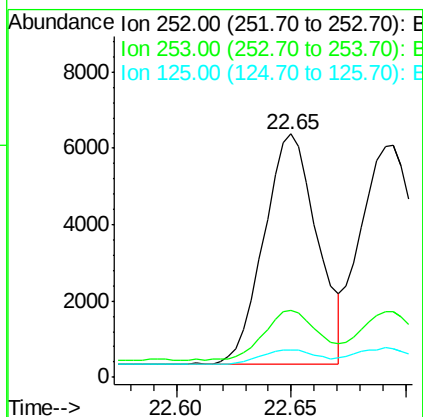
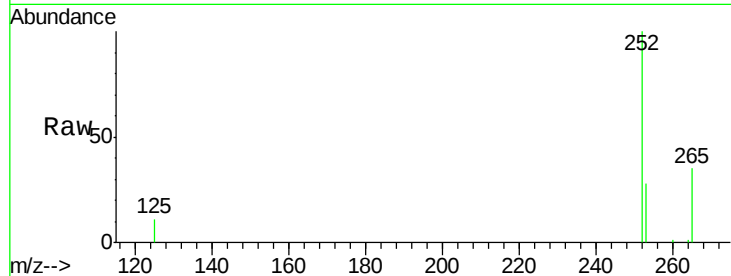




#35
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

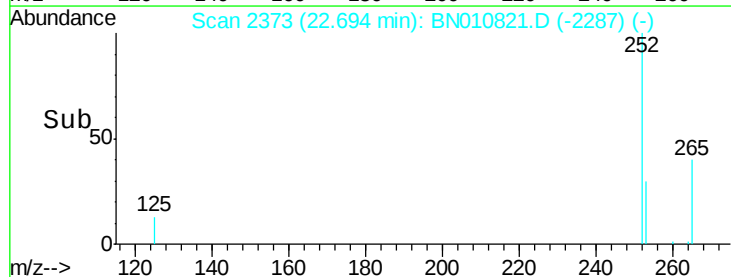
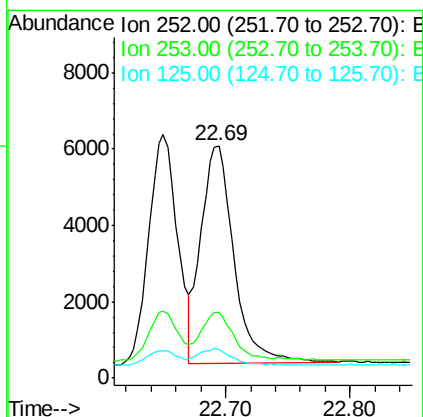
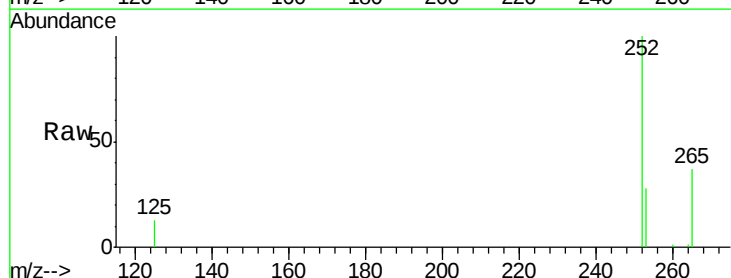
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

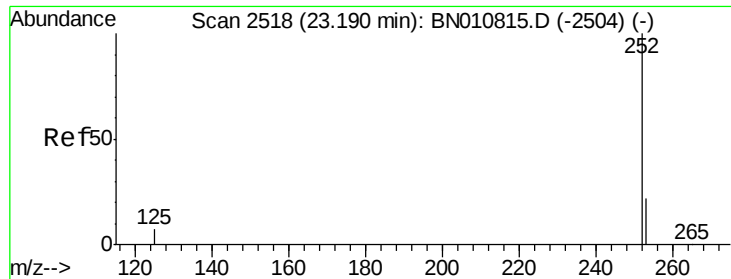
Tot Ion:252 Resp: 9762
Ion Ratio Lower Upper
252 100
253 27.7 22.4 33.6
125 11.4 9.4 14.0



#36
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 22.69 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BN010821.D
Acq: 10 Jun 2020 17:27

Tgt Ion:252 Resp: 10516
Ion Ratio Lower Upper
252 100
253 28.3 22.2 33.4
125 12.6 9.8 14.8





#37

Benzo(a)pyrene

Concen: 0.401 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

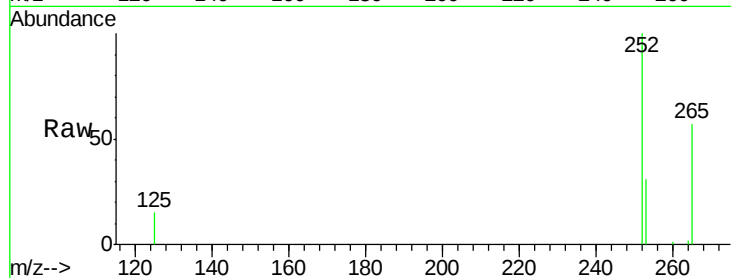
Tot Ion:252 Resp: 8266

Ion Ratio Lower Upper

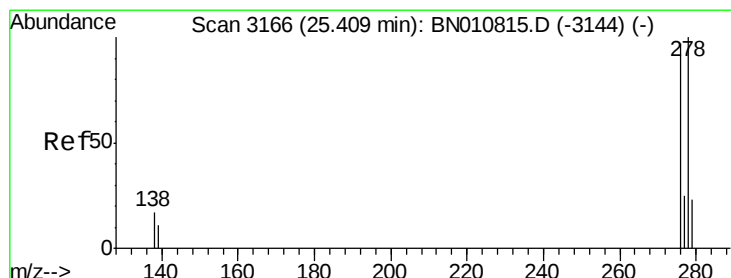
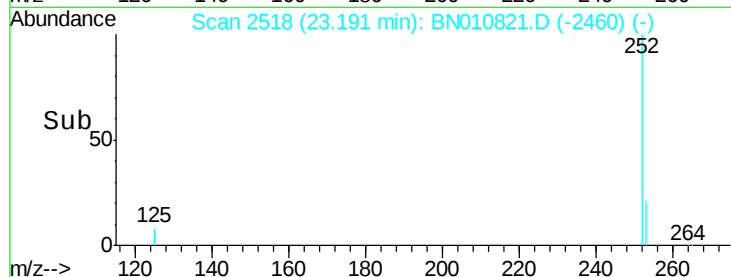
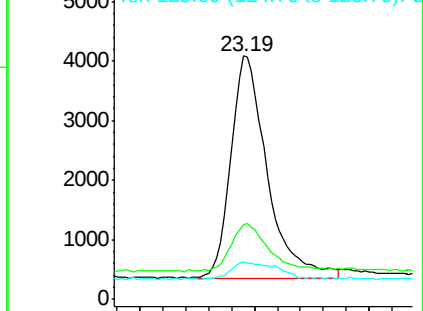
252 100

253 30.7 25.8 38.8

125 15.4 12.4 18.6



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: 0.400 ng

RT: 25.42 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

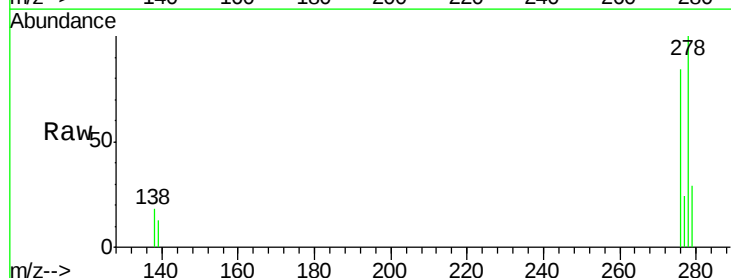
Tgt Ion:278 Resp: 9422

Ion Ratio Lower Upper

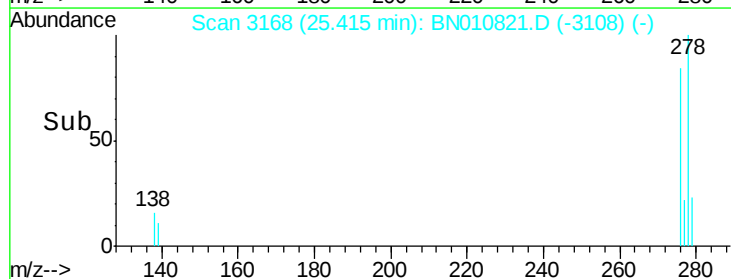
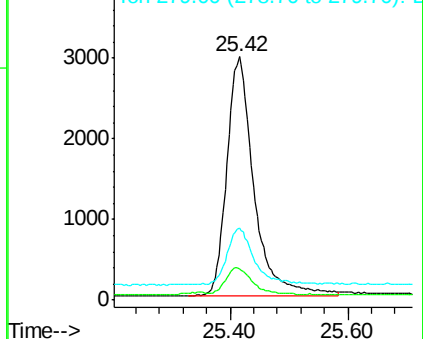
278 100

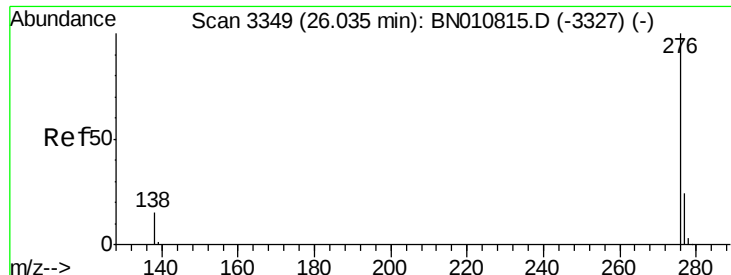
139 12.9 10.6 15.8

279 29.4 23.6 35.4



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: 0.402 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BN010821.D

Acq: 10 Jun 2020 17:27

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

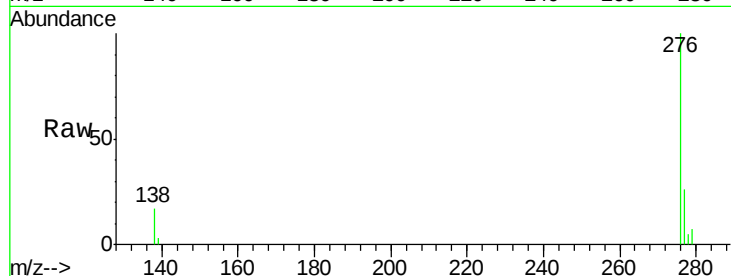
Tot Ion: 276 Resp: 9900

Ion Ratio Lower Upper

276 100

277 25.8 20.5 30.7

138 16.9 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

