

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
 Data File : BN010702.D
 Acq On : 13 May 2020 10:45
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: May 13 13:25:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 13:23:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2508	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	10339	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	6608	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	14142	0.40	ng	0.01
27) Chrysene-d12	21.16	240	10555	0.40	ng	0.01
34) Perylene-d12	23.33	264	9933	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	1020	0.19	ng	0.00
5) Phenol-d6	6.78	99	1180	0.16	ng	0.00
8) Nitrobenzene-d5	8.72	82	1333	0.18	ng	0.01
11) 2-Methylnaphthalene-d10	11.94	152	3384	0.20	ng	0.01
14) 2,4,6-Tribromophenol	15.72	330	429	0.14	ng	0.01
15) 2-Fluorobiphenyl	12.84	172	4639	0.19	ng	0.02
25) Fluoranthene-d10	19.00	212	7212	0.17	ng	0.00
29) Terphenyl-d14	19.61	244	5082	0.21	ng	0.00

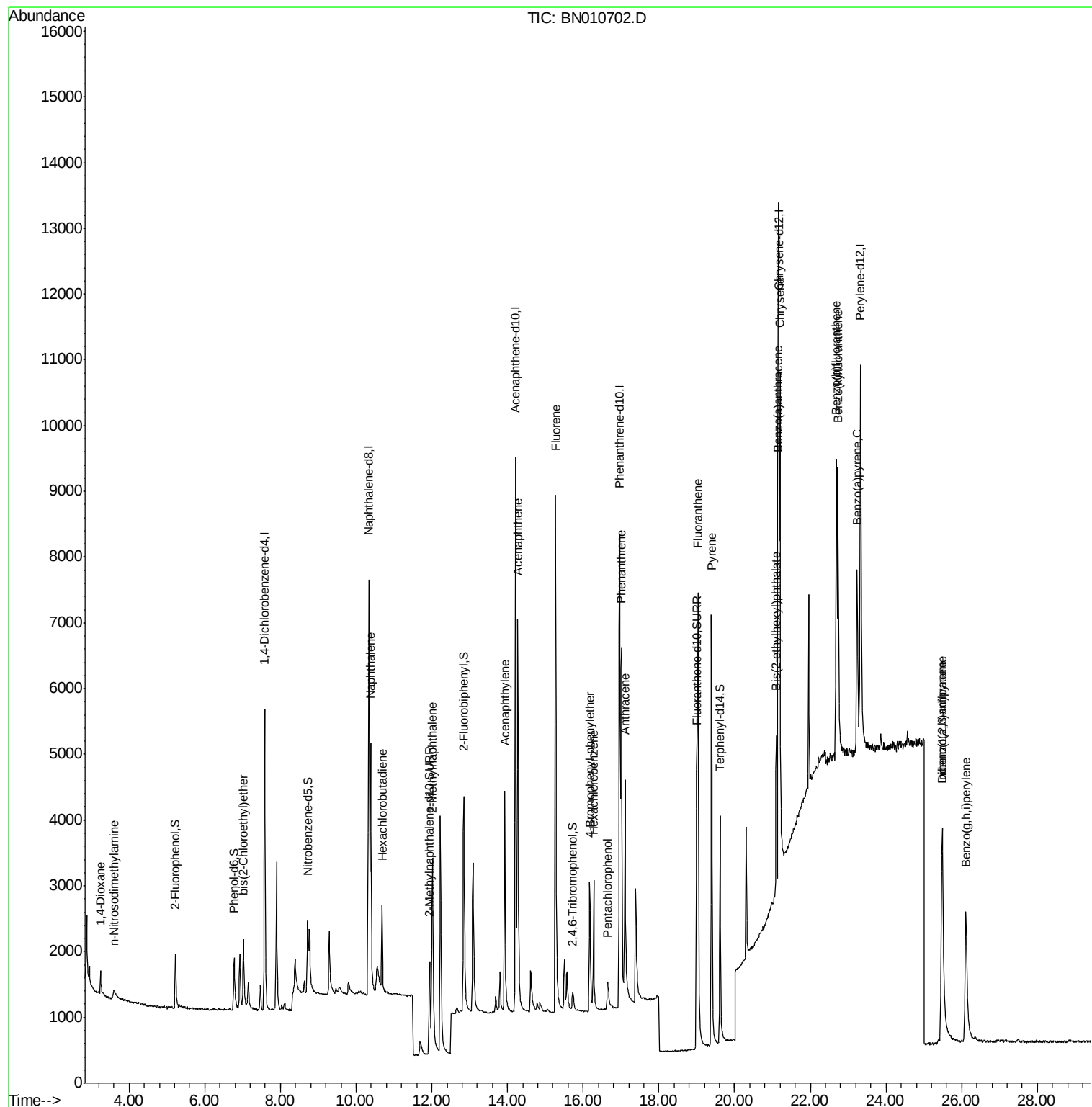
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	433	0.23	ng	94
3) n-Nitrosodimethylamine	3.60	42	190	0.16	ng	# 97
6) bis(2-Chloroethyl)ether	7.03	93	1232	0.20	ng	96
9) Naphthalene	10.38	128	5341	0.21	ng	99
10) Hexachlorobutadiene	10.68	225	1197	0.19	ng	# 100
12) 2-Methylnaphthalene	12.01	142	3654	0.20	ng	98
16) Acenaphthylene	13.92	152	5004	0.18	ng	99
17) Acenaphthene	14.27	154	3594	0.20	ng	99
18) Fluorene	15.27	166	4657	0.19	ng	99
20) 4-Bromophenyl-phenylether	16.17	248	1422	0.18	ng	94
21) Hexachlorobenzene	16.27	284	1915	0.21	ng	97
22) Pentachlorophenol	16.65	266	504	0.14	ng	# 81
23) Phenanthrene	17.01	178	7152	0.19	ng	98
24) Anthracene	17.10	178	5711	0.16	ng	100
26) Fluoranthene	19.03	202	7914	0.17	ng	99
28) Pyrene	19.39	202	7998	0.23	ng	100
30) Benzo(a)anthracene	21.14	228	5747	0.17	ng	97
31) Chrysene	21.20	228	7087	0.21	ng	98
32) Bis(2-ethylhexyl)phthalate	21.10	149	2661	0.15	ng	98
33) Indeno(1,2,3-cd)pyrene	25.48	276	6047	0.20	ng	99
35) Benzo(b)fluoranthene	22.68	252	6286	0.19	ng	# 87
36) Benzo(k)fluoranthene	22.73	252	7035	0.21	ng	# 85
37) Benzo(a)pyrene	23.24	252	5452	0.19	ng	# 78
38) Dibenzo(a,h)anthracene	25.49	278	4302	0.16	ng	# 85
39) Benzo(g,h,i)perylene	26.11	276	5703	0.21	ng	95

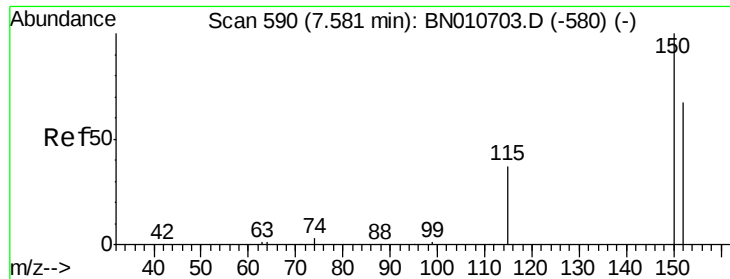
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
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Quant Time: May 13 13:25:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

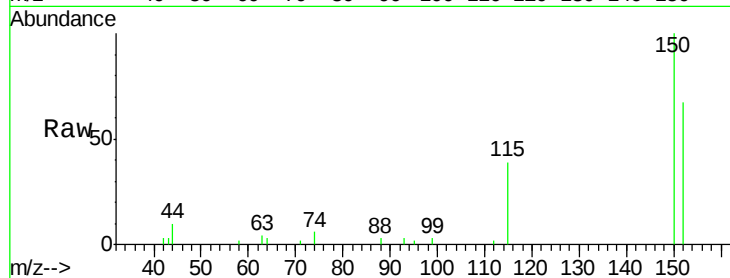
Tgt Ion:152 Resp: 2508

Ion Ratio Lower Upper

152 100

150 149.2 119.4 179.0

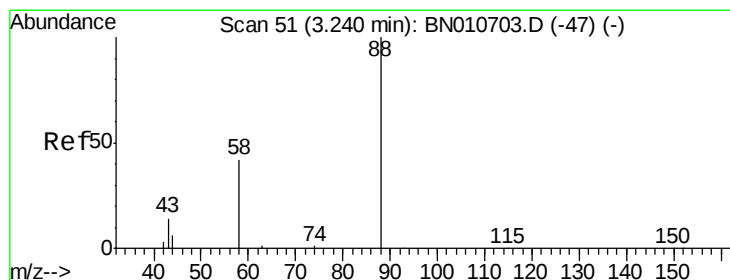
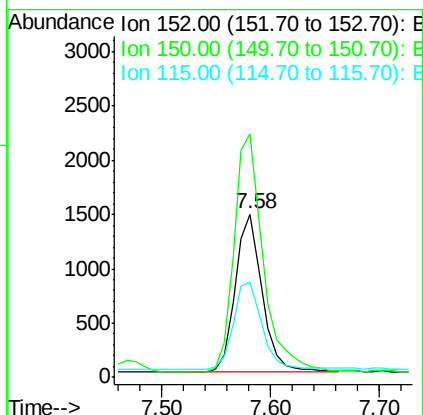
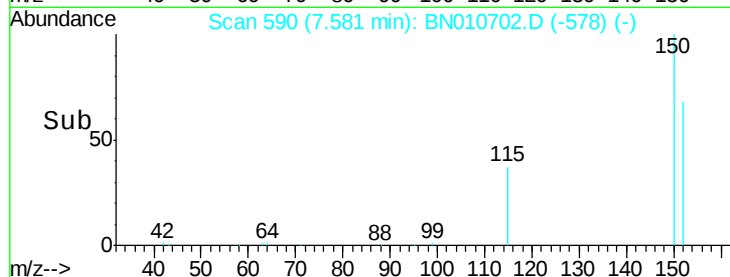
115 58.1 45.9 68.9



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: 0.23 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

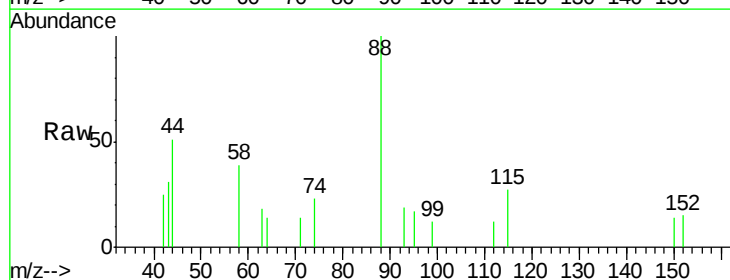
Tgt Ion: 88 Resp: 433

Ion Ratio Lower Upper

88 100

58 45.0 39.0 58.6

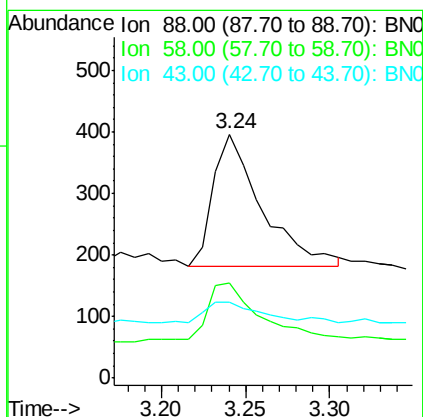
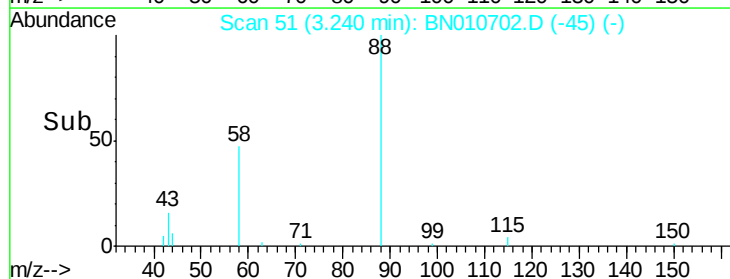
43 19.6 13.1 19.7

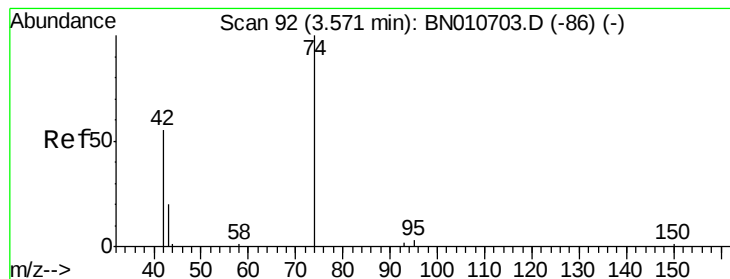


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.16 ng

RT: 3.60 min Scan# 96

Delta R.T. 0.03 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

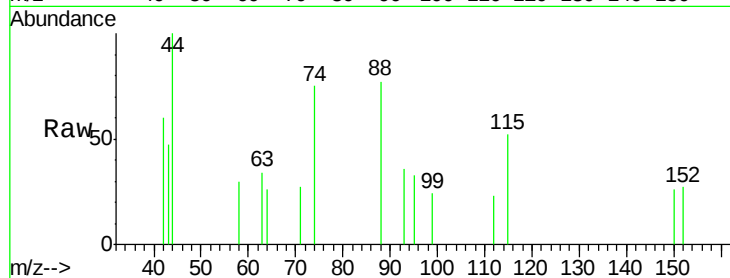
Tgt Ion: 42 Resp: 190

Ion Ratio Lower Upper

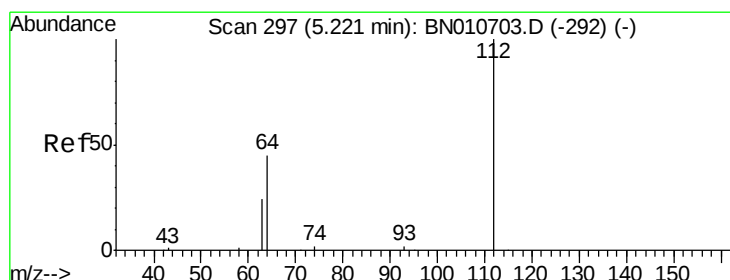
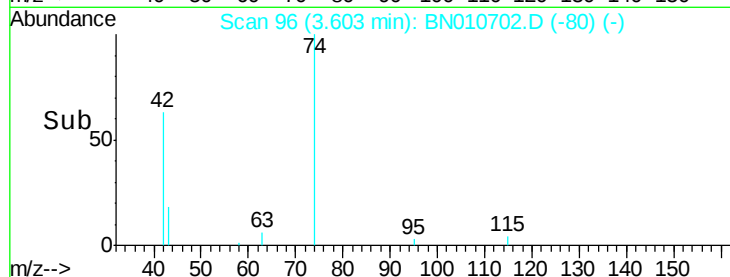
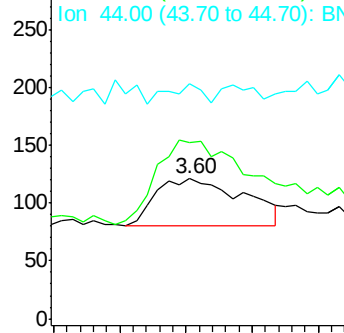
42 100

74 178.9 146.2 219.2

44 16.3 3.0 4.4#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.19 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

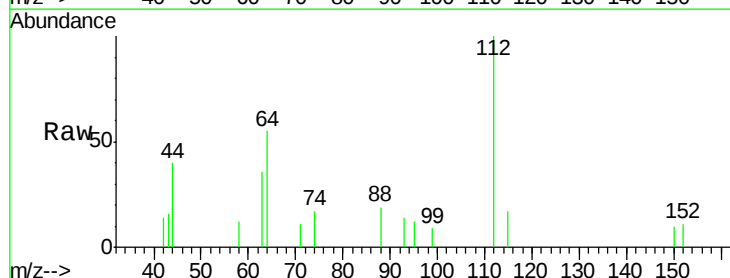
Tgt Ion: 112 Resp: 1020

Ion Ratio Lower Upper

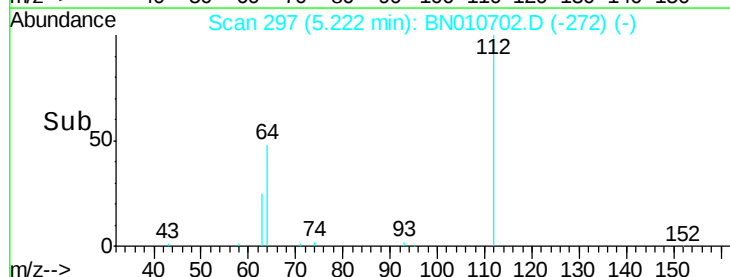
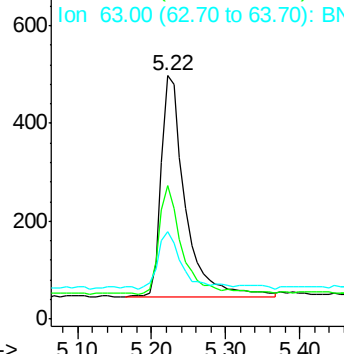
112 100

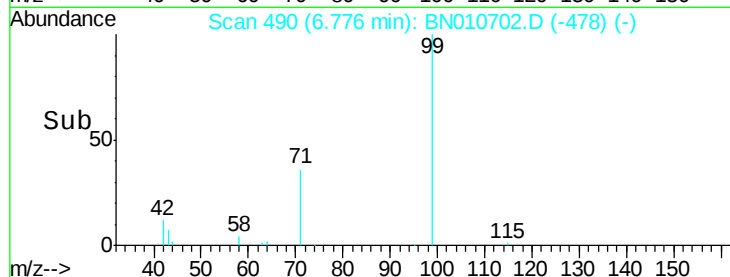
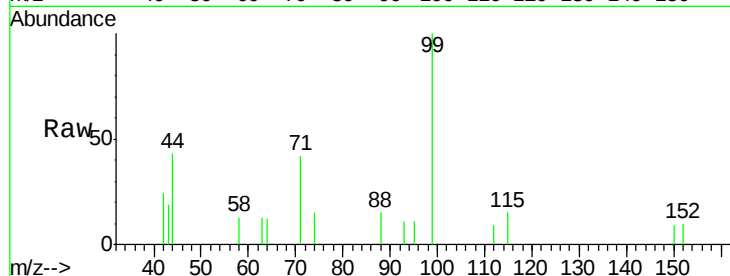
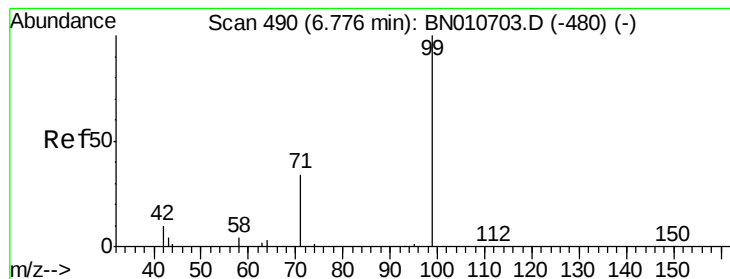
64 47.5 36.2 54.4

63 25.4 19.8 29.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.16 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

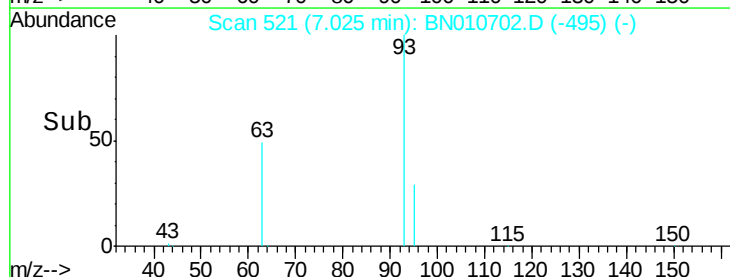
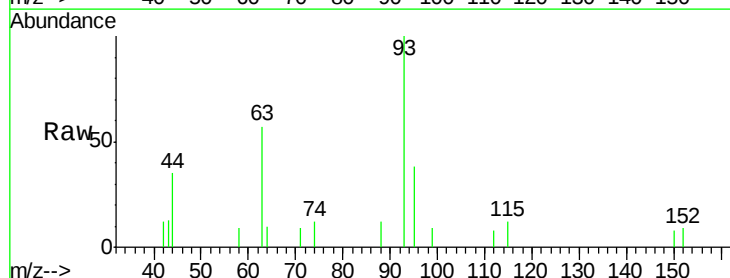
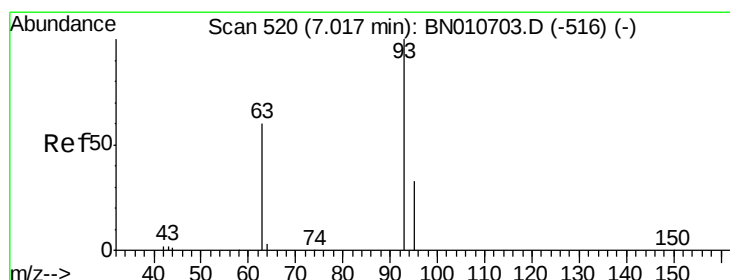
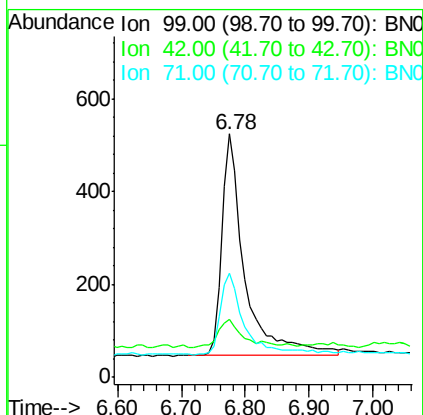
Tgt Ion: 99 Resp: 1180

Ion Ratio Lower Upper

99 100

42 14.0 9.8 14.8

71 39.8 28.6 42.8



#6

bis(2-Chloroethyl)ether

Concen: 0.20 ng

RT: 7.03 min Scan# 521

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

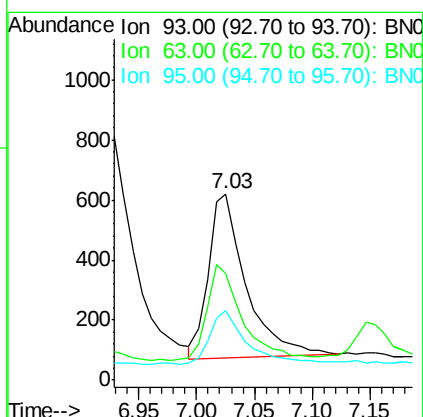
Tgt Ion: 93 Resp: 1232

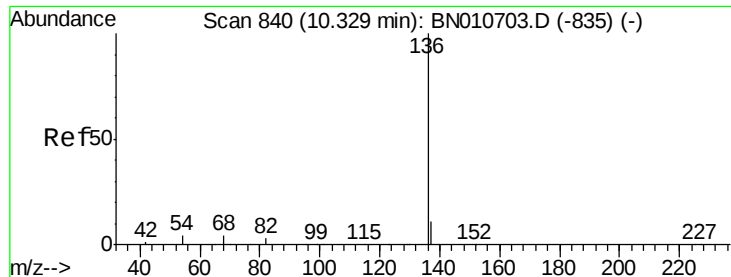
Ion Ratio Lower Upper

93 100

63 55.8 43.1 64.7

95 34.5 24.6 37.0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tgt Ion:136 Resp: 10339

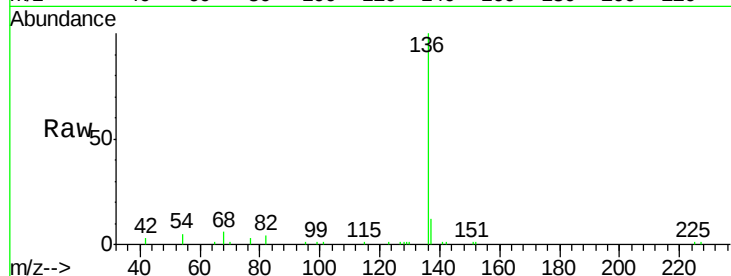
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 5.3 3.6 5.4

68 6.2 4.1 6.1#

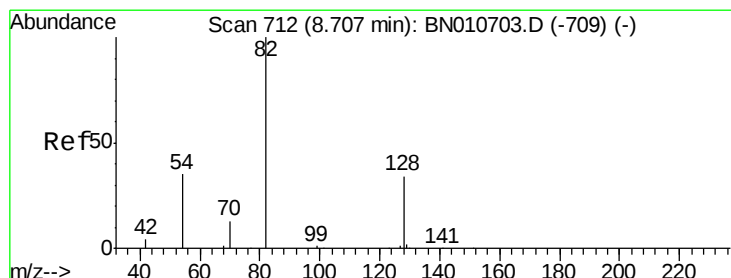
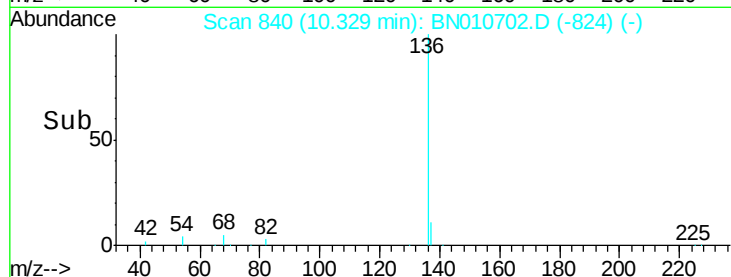
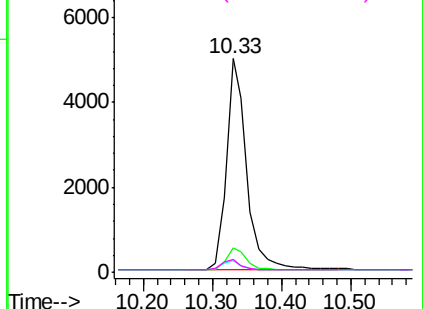


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.18 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

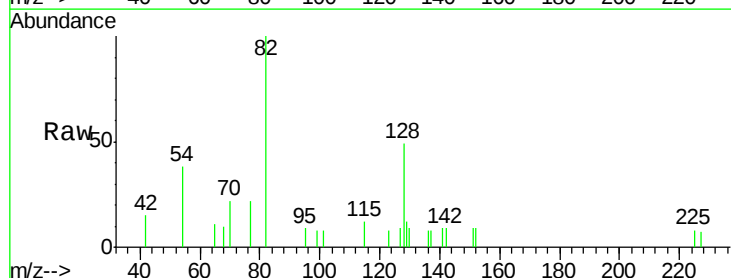
Tgt Ion: 82 Resp: 1333

Ion Ratio Lower Upper

82 100

128 48.7 29.0 43.4#

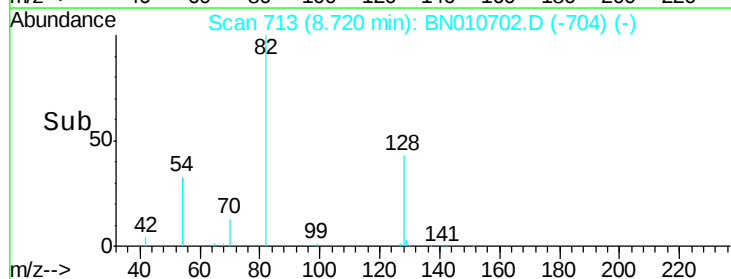
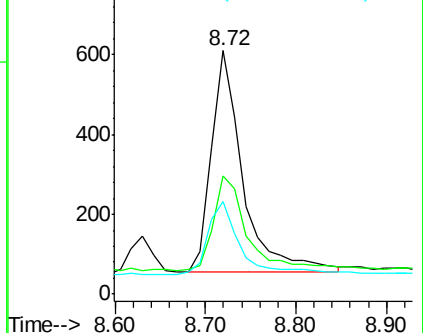
54 37.9 29.3 43.9

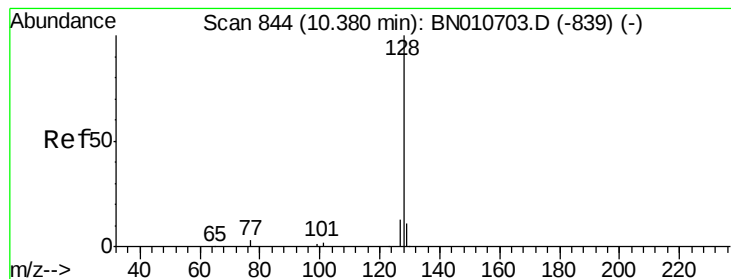


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.21 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

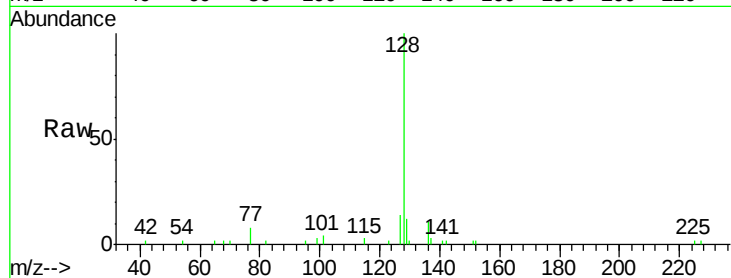
Tgt Ion:128 Resp: 5341

Ion Ratio Lower Upper

128 100

129 12.2 9.3 13.9

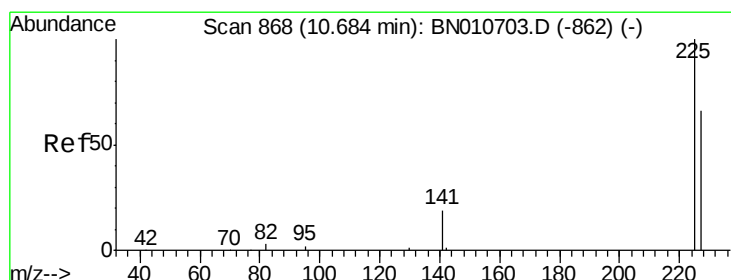
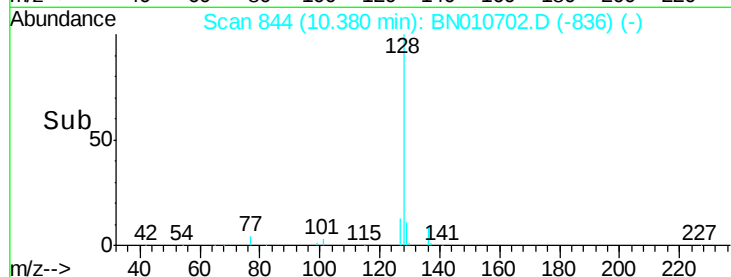
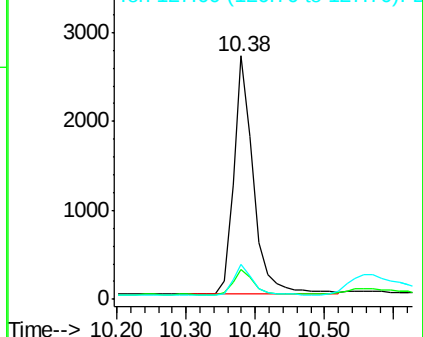
127 14.3 11.0 16.6



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: 0.19 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

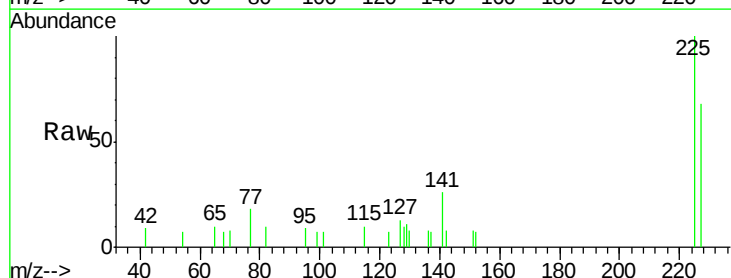
Tgt Ion:225 Resp: 1197

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

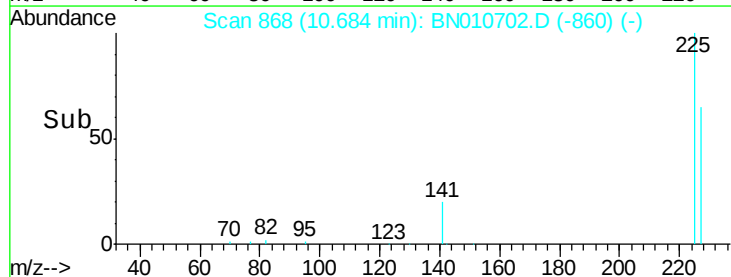
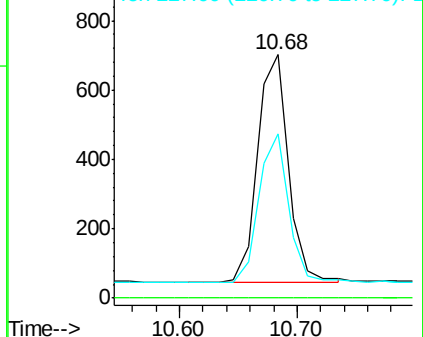
227 63.7 50.7 76.1

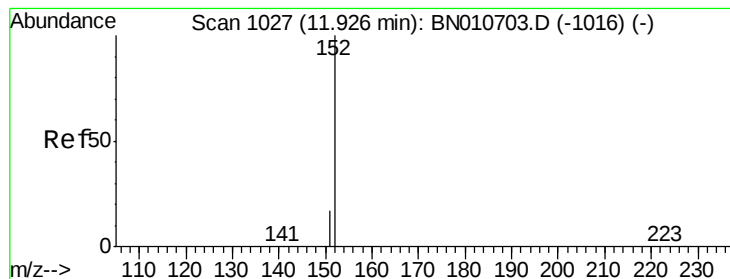


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

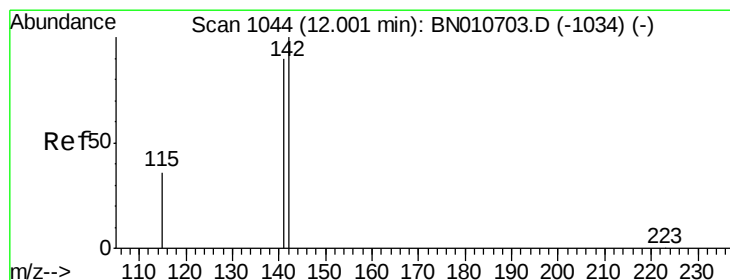
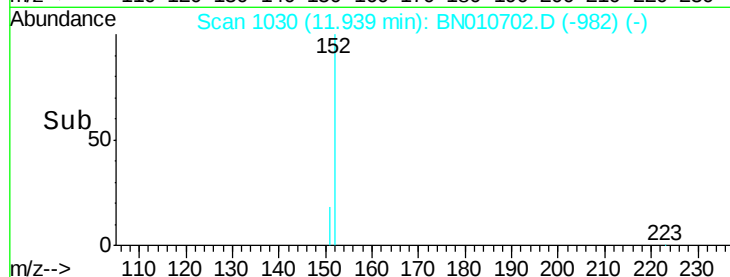
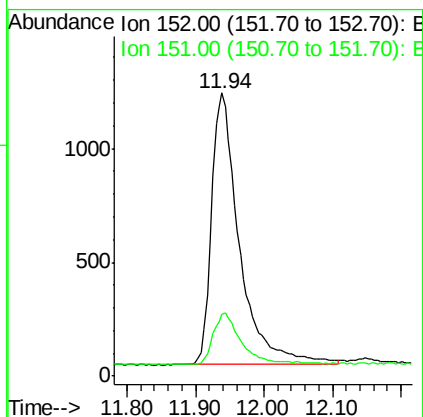
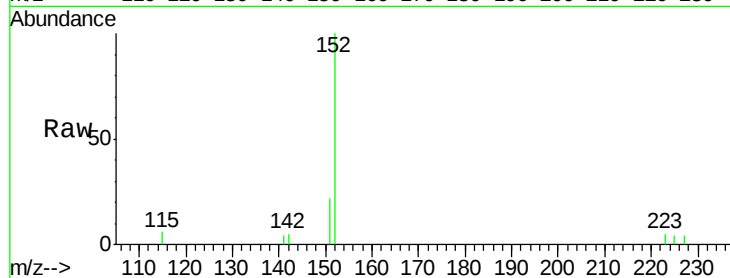




#11
 2-Methylnaphthalene-d10
 Concen: 0.20 ng
 RT: 11.94 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: BN010702.D
 Acq: 13 May 2020 10:45

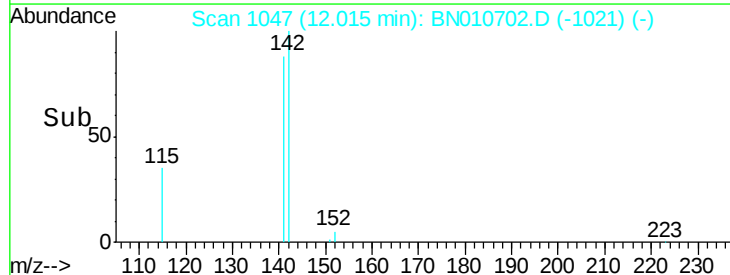
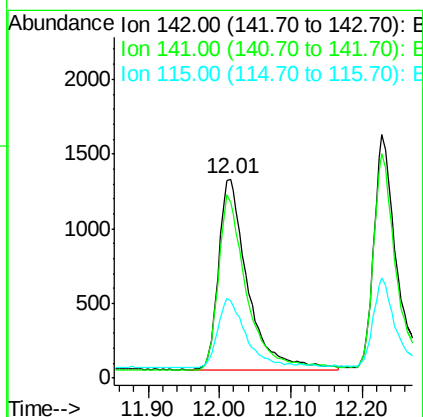
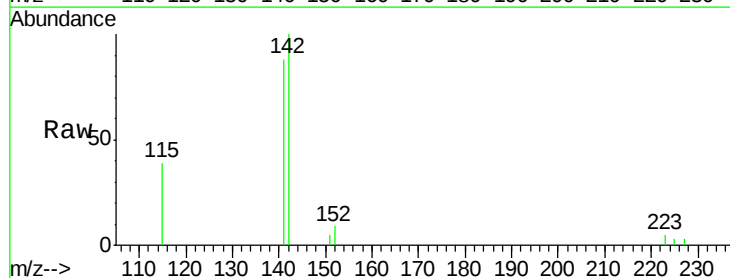
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

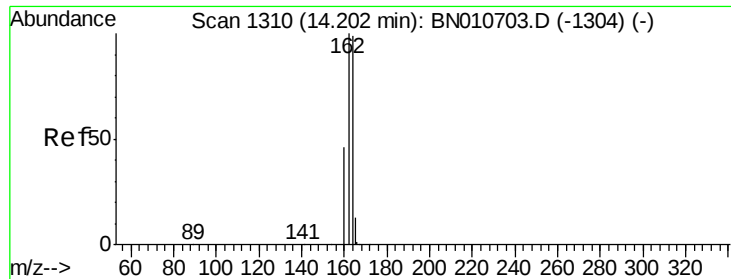
Tgt Ion:152 Resp: 3384
 Ion Ratio Lower Upper
 152 100
 151 18.6 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.20 ng
 RT: 12.01 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BN010702.D
 Acq: 13 May 2020 10:45

Tgt Ion:142 Resp: 3654
 Ion Ratio Lower Upper
 142 100
 141 88.3 71.7 107.5
 115 38.9 29.8 44.6





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

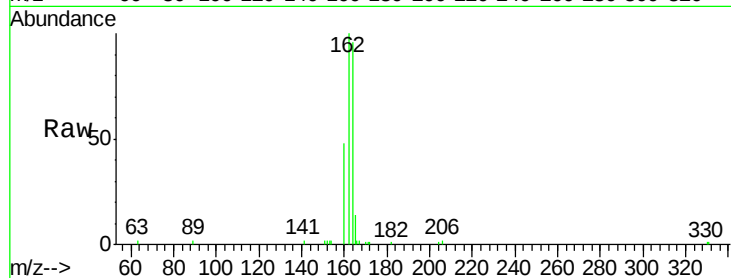
Tgt Ion:164 Resp: 6608

Ion Ratio Lower Upper

164 100

162 103.9 81.1 121.7

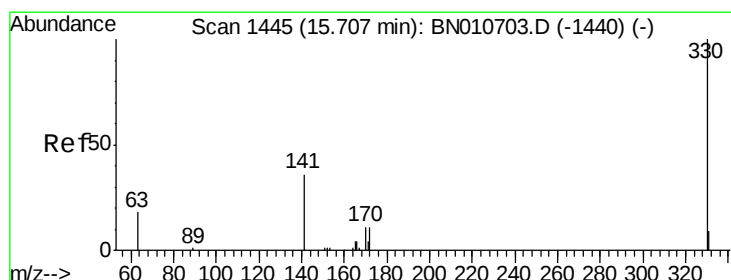
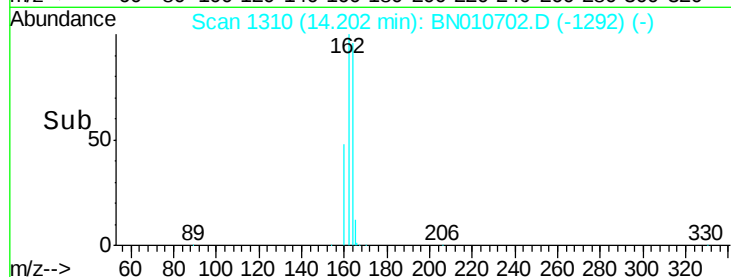
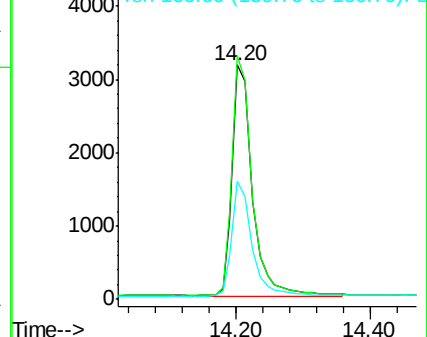
160 50.2 37.9 56.9



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: 0.14 ng

RT: 15.72 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

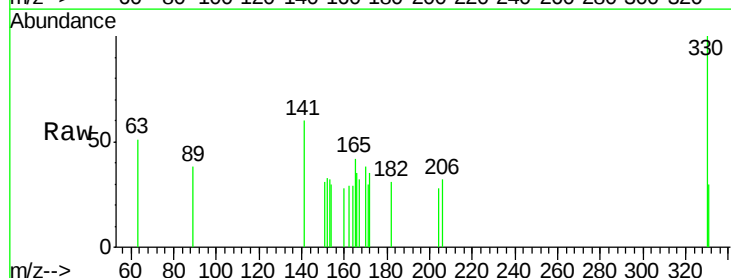
Tgt Ion:330 Resp: 429

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

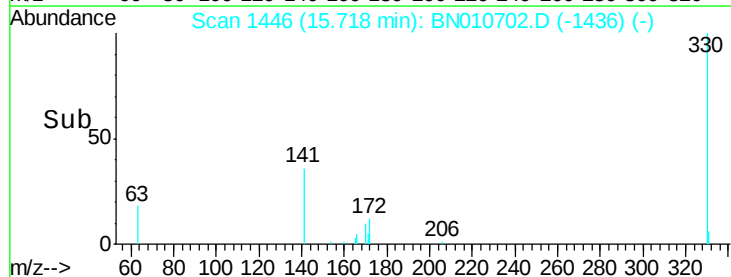
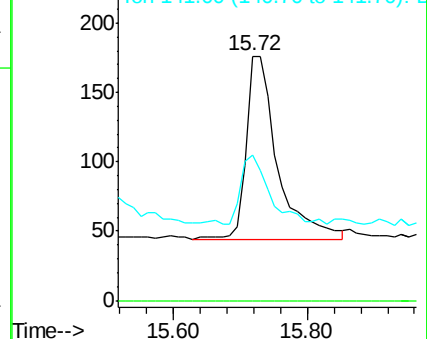
141 33.6 28.8 43.2

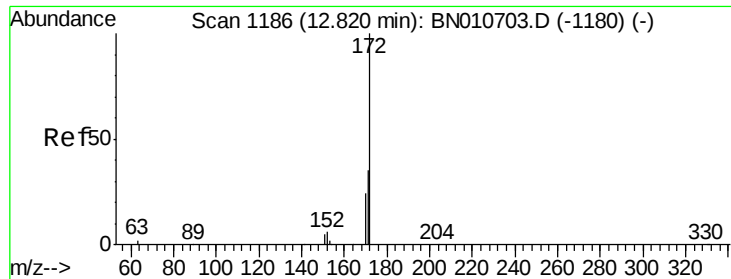


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

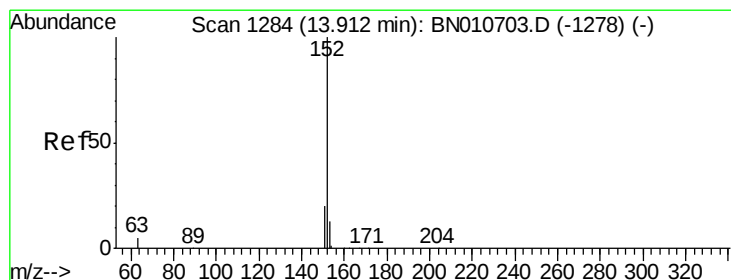
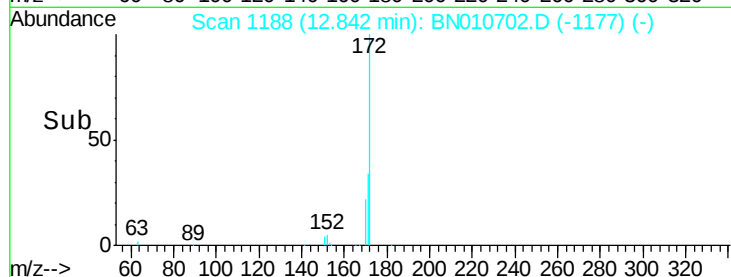
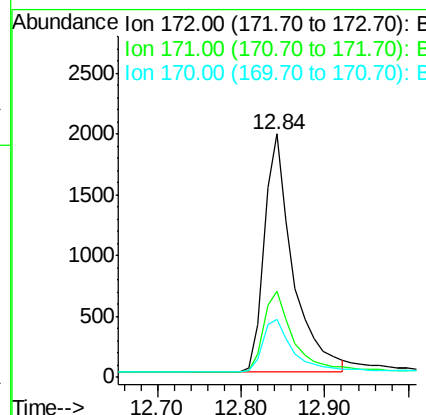
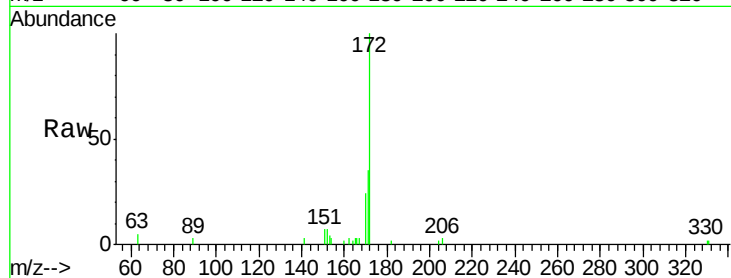




#15
2-Fluorobiphenyl
Concen: 0.19 ng
RT: 12.84 min Scan# 1188
Delta R.T. 0.02 min
Lab File: BN010702.D
Acq: 13 May 2020 10:45

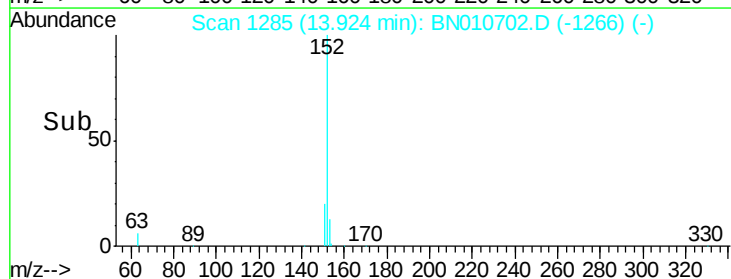
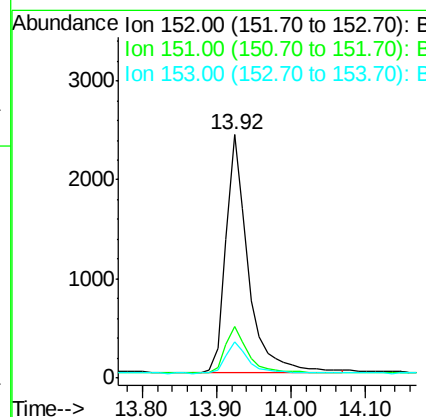
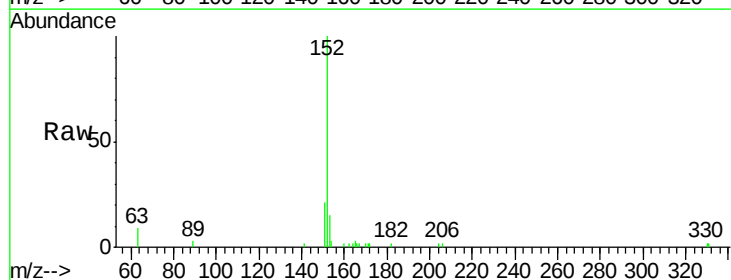
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

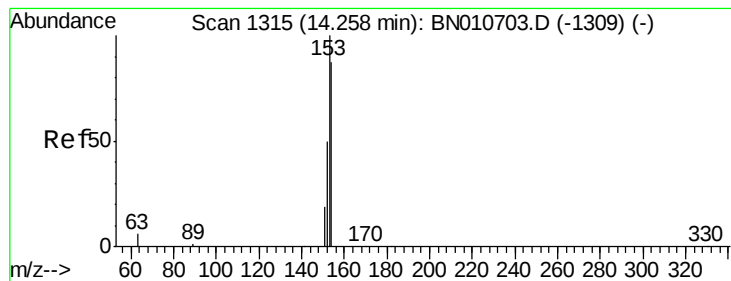
Tgt Ion:172 Resp: 4639
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.7 19.8 29.8



#16
Acenaphthylene
Concen: 0.18 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BN010702.D
Acq: 13 May 2020 10:45

Tgt Ion:152 Resp: 5004
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 13.5 10.4 15.6





#17

Acenaphthene

Concen: 0.20 ng

RT: 14.27 min Scan# 1316

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

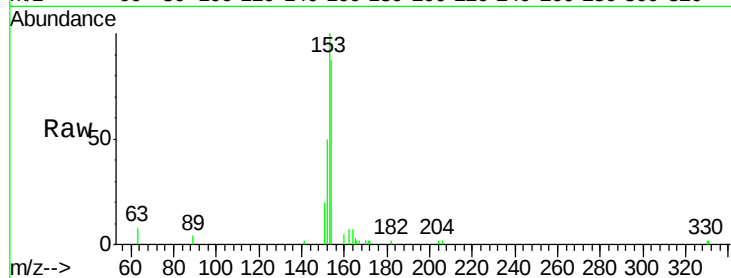
Tgt Ion:154 Resp: 3594

Ion Ratio Lower Upper

154 100

153 115.4 91.5 137.3

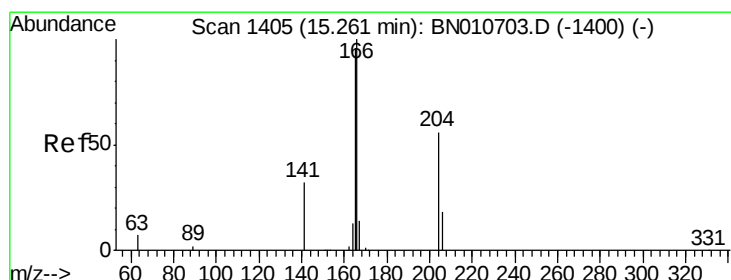
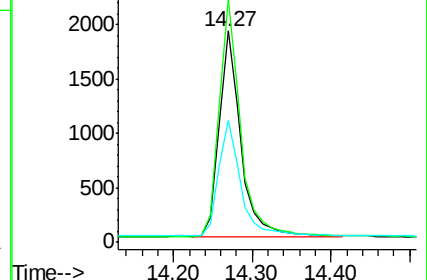
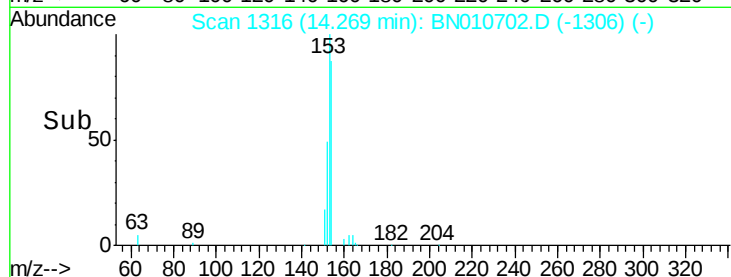
152 57.8 45.6 68.4



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: 0.19 ng

RT: 15.27 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

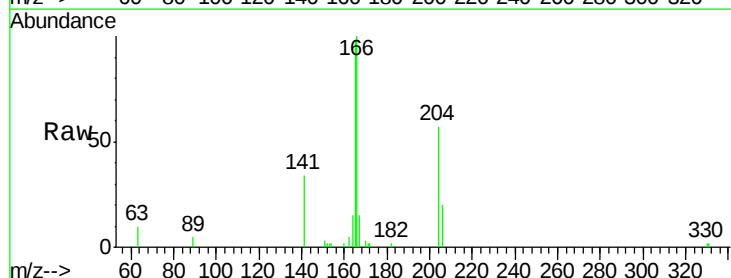
Tgt Ion:166 Resp: 4657

Ion Ratio Lower Upper

166 100

165 99.0 77.9 116.9

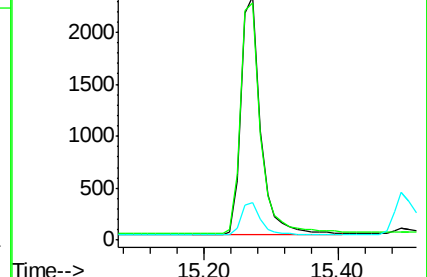
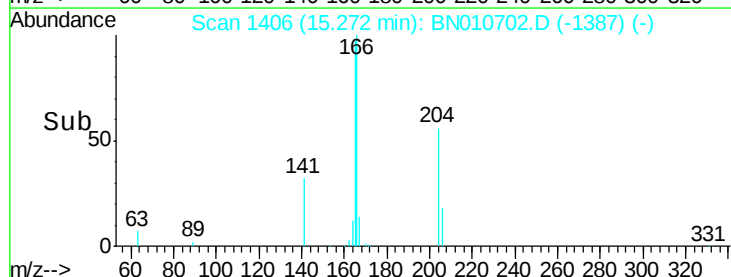
167 14.0 11.0 16.4

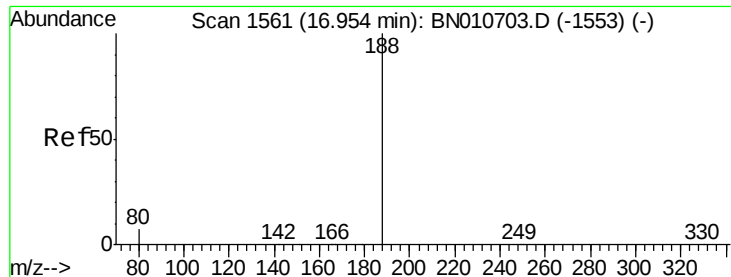


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

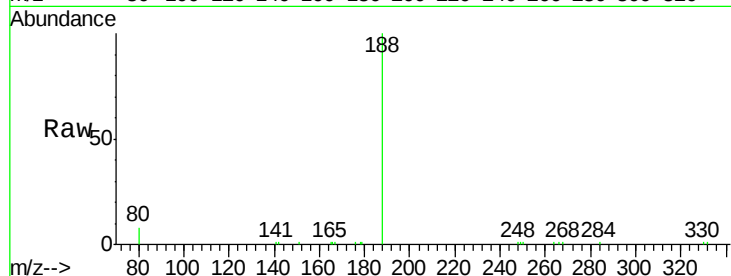
Tgt Ion:188 Resp: 14142

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

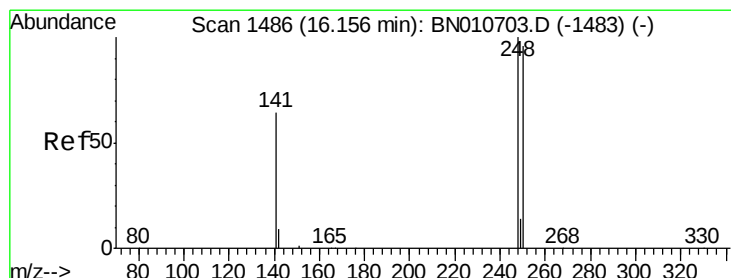
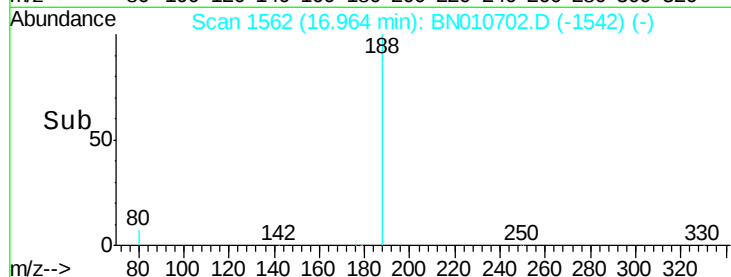
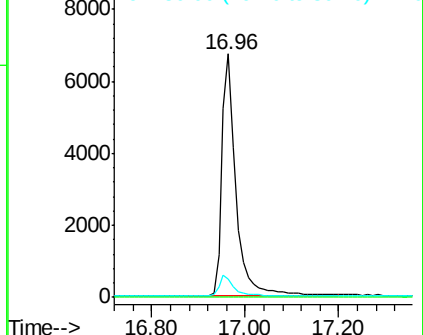
80 7.5 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.18 ng

RT: 16.17 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

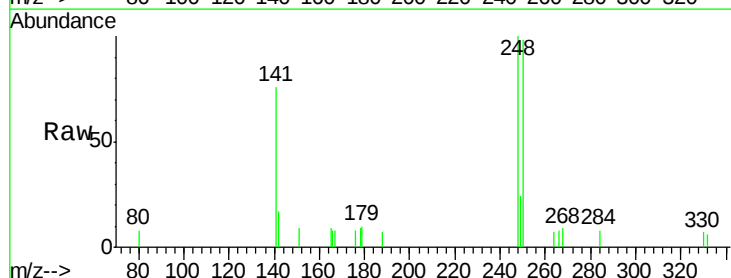
Tgt Ion:248 Resp: 1422

Ion Ratio Lower Upper

248 100

250 97.7 77.4 116.0

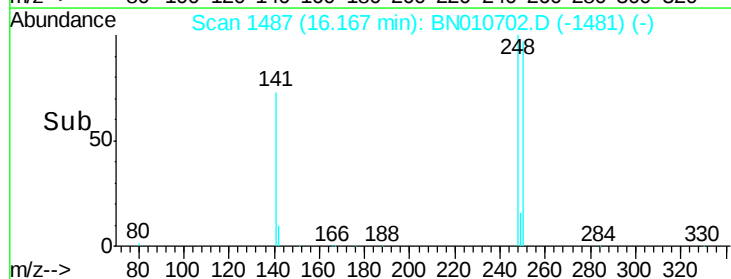
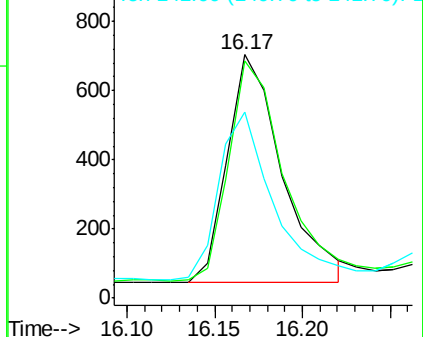
141 76.3 53.1 79.7

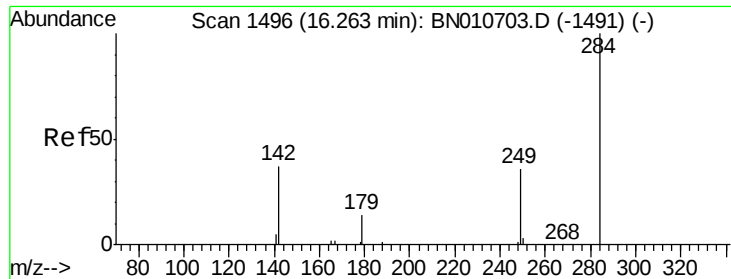


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.21 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampled :

SSTDIC0.2

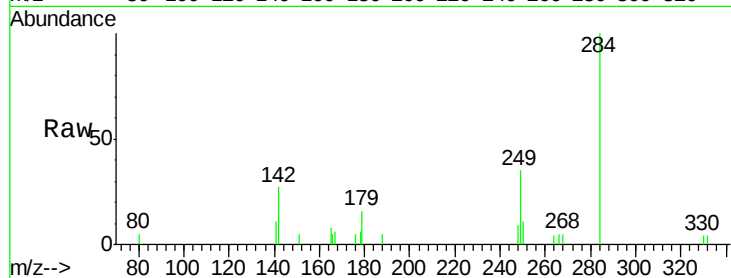
Tgt Ion:284 Resp: 1915

Ion Ratio Lower Upper

284 100

142 32.3 28.2 42.2

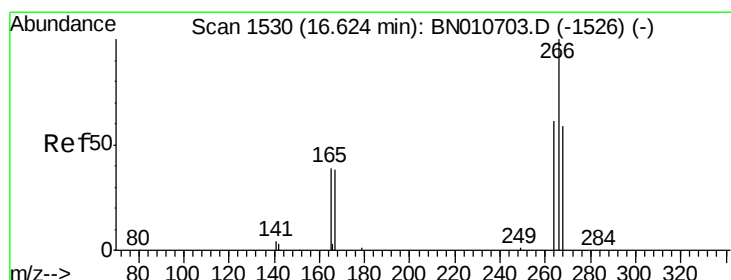
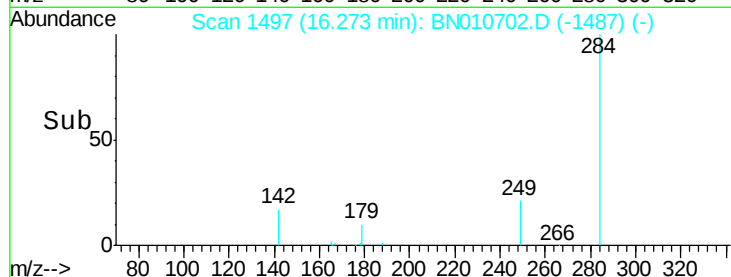
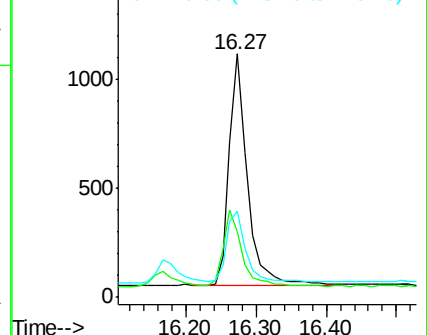
249 32.2 26.4 39.6



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: 0.14 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.02 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

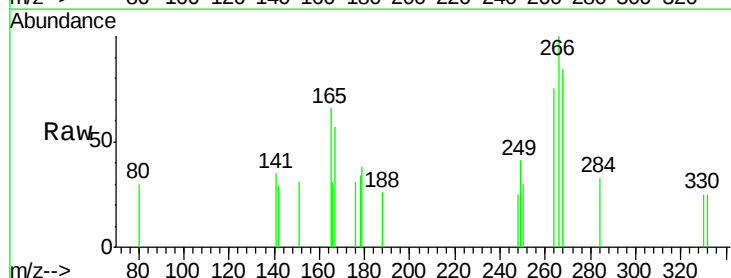
Tgt Ion:266 Resp: 504

Ion Ratio Lower Upper

266 100

264 74.7 51.1 76.7

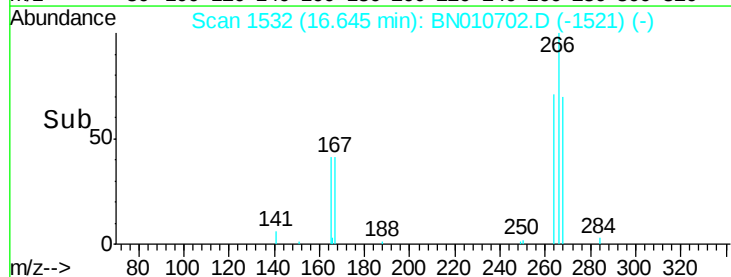
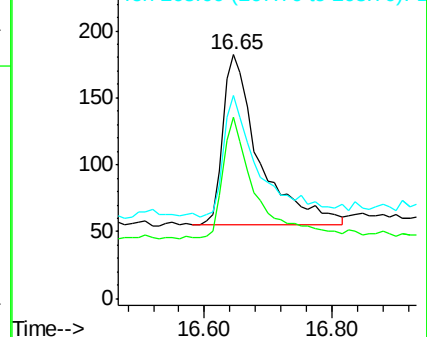
268 83.5 52.1 78.1#

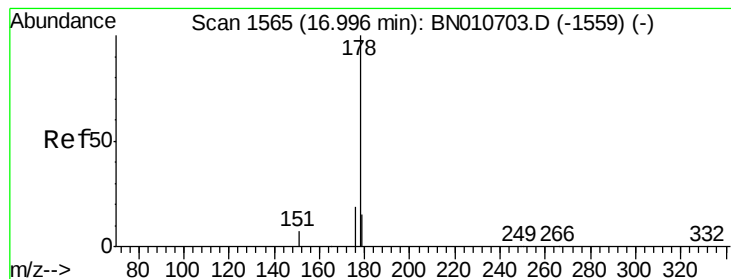


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.19 ng

RT: 17.01 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

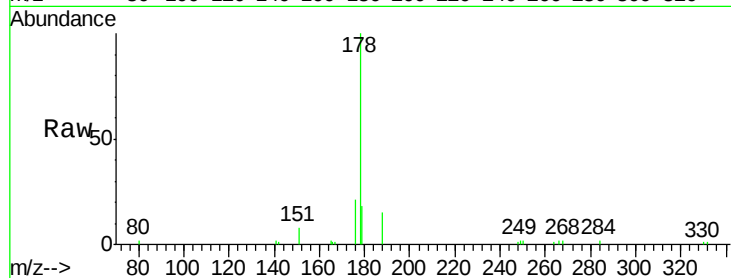
Tgt Ion:178 Resp: 7152

Ion Ratio Lower Upper

178 100

176 19.5 14.9 22.3

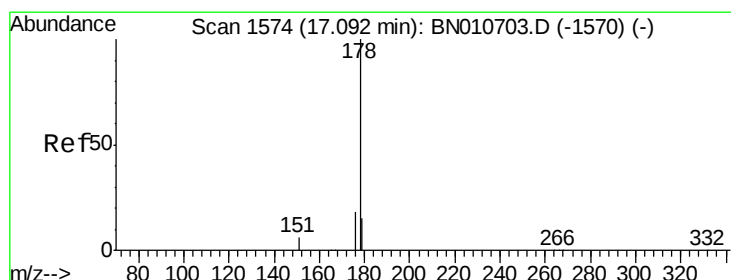
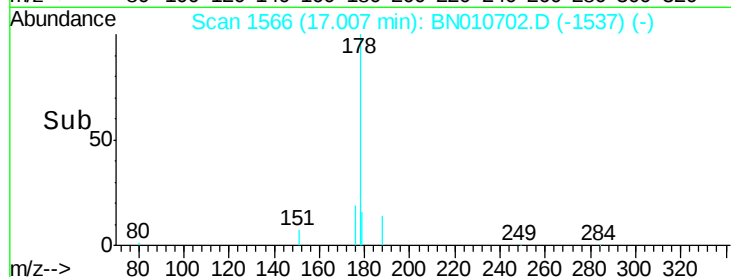
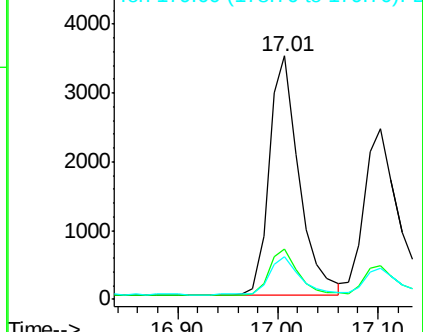
179 16.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.16 ng

RT: 17.10 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

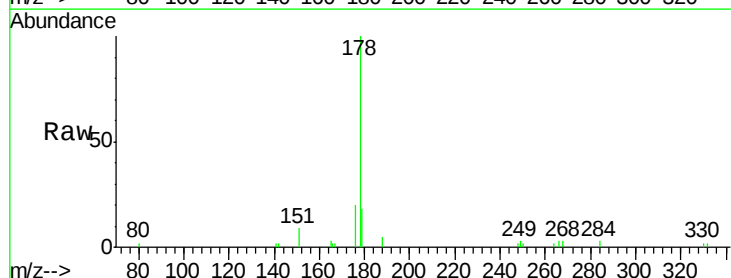
Tgt Ion:178 Resp: 5711

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

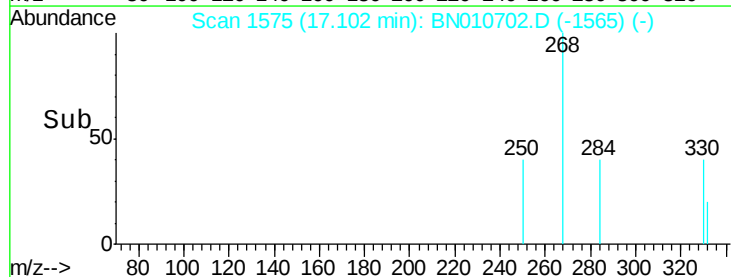
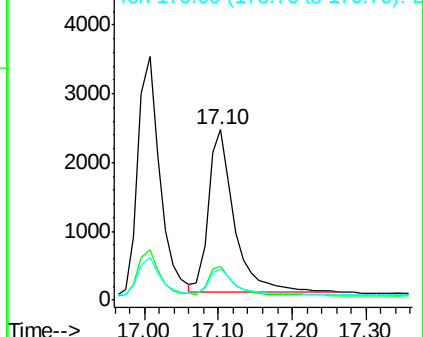
179 15.7 12.3 18.5

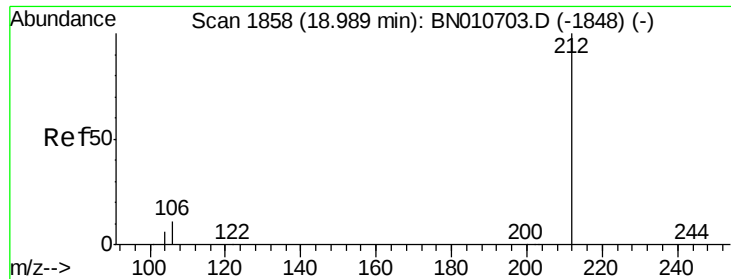


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.17 ng

RT: 19.00 min Scan# 1860

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

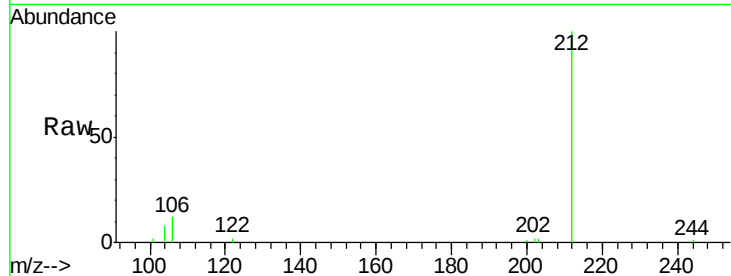
Tgt Ion:212 Resp: 7212

Ion Ratio Lower Upper

212 100

106 9.7 8.2 12.2

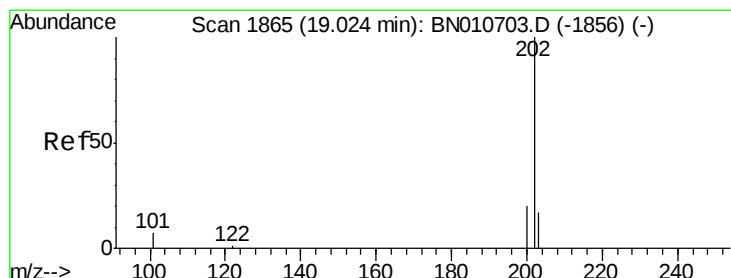
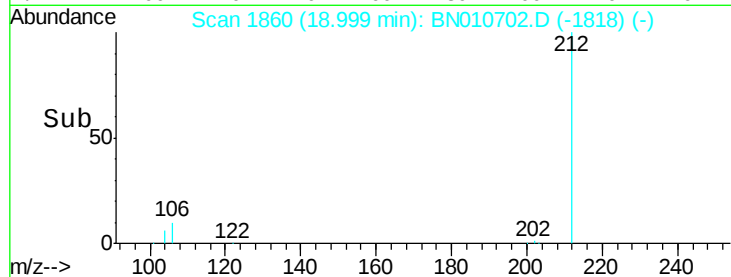
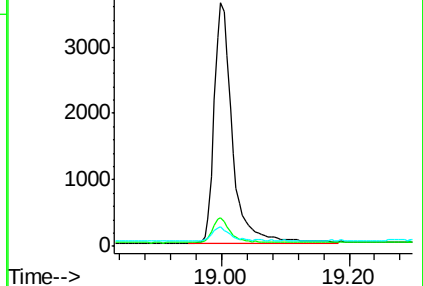
104 5.7 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.17 ng

RT: 19.03 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

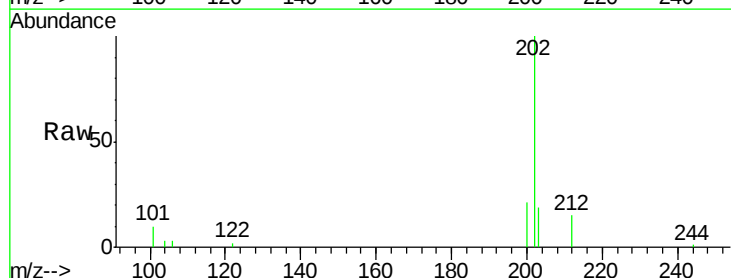
Tgt Ion:202 Resp: 7914

Ion Ratio Lower Upper

202 100

101 8.6 6.7 10.1

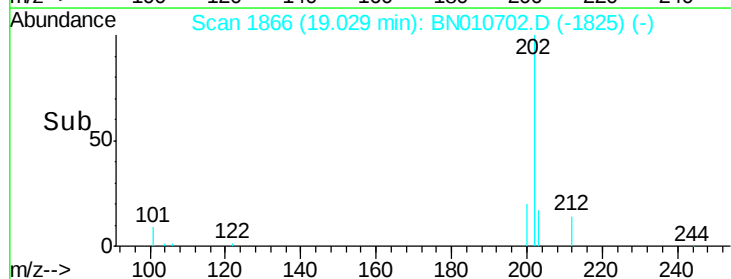
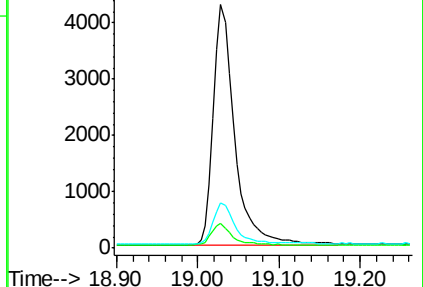
203 17.0 13.4 20.0

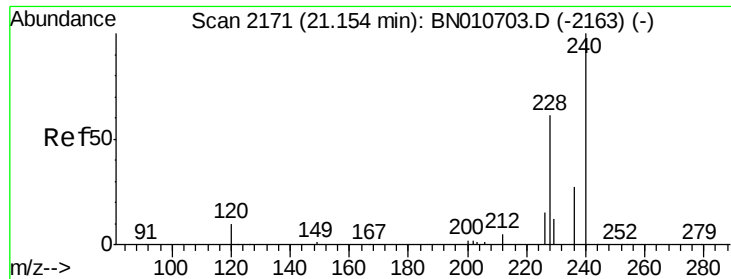


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

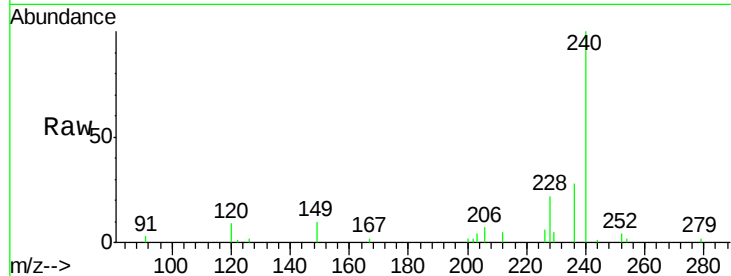
Tgt Ion:240 Resp: 10555

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

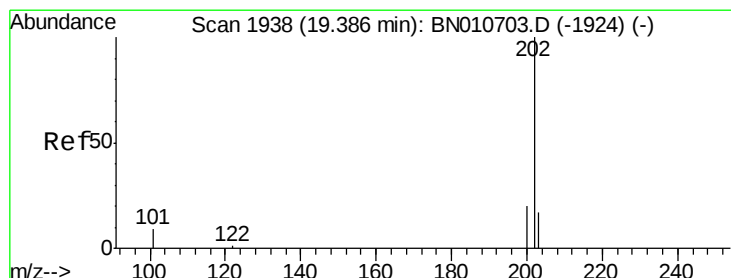
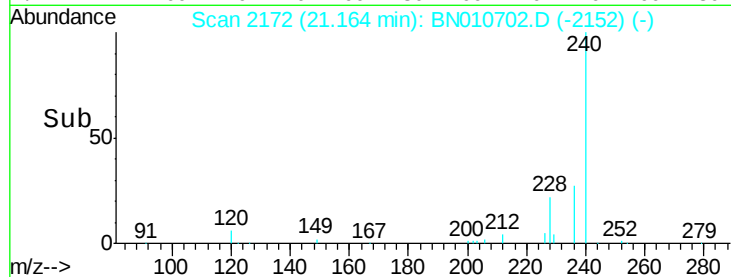
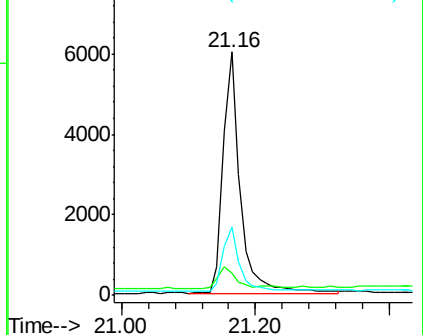
236 28.0 22.5 33.7



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: 0.23 ng

RT: 19.39 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

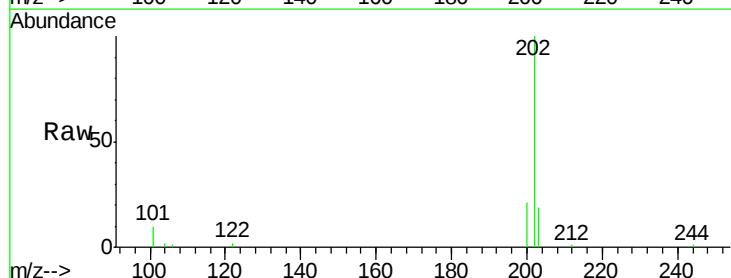
Tgt Ion:202 Resp: 7998

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

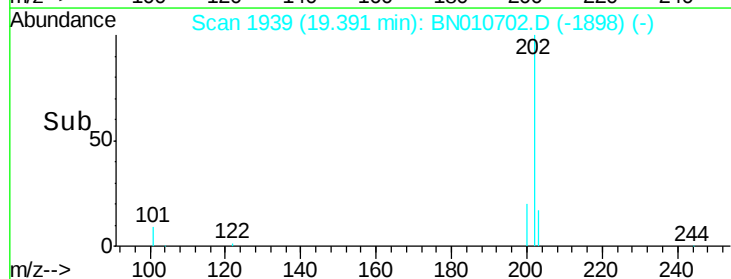
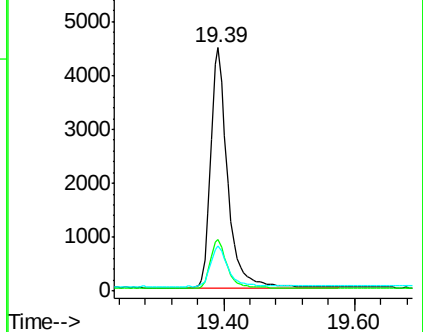
203 17.9 14.1 21.1

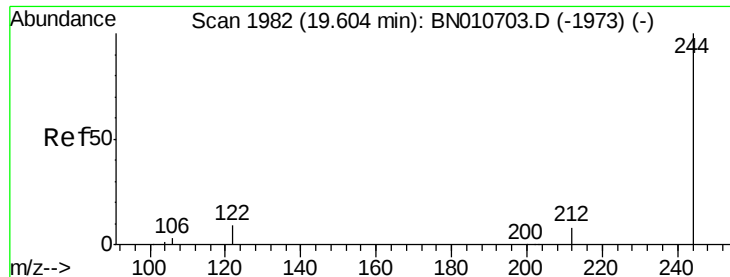


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.21 ng

RT: 19.61 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

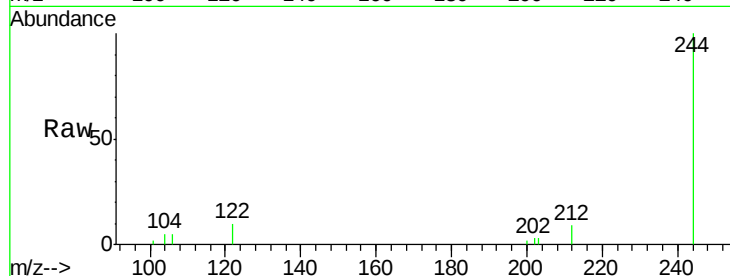
Tgt Ion:244 Resp: 5082

Ion Ratio Lower Upper

244 100

212 9.5 6.8 10.2

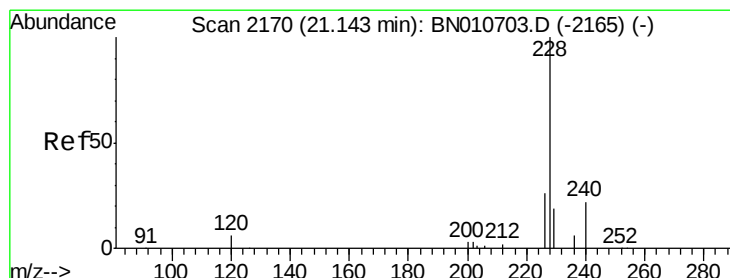
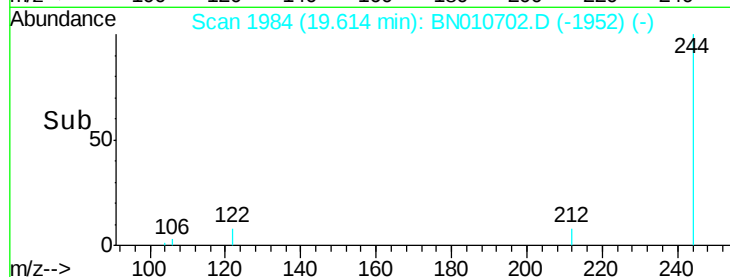
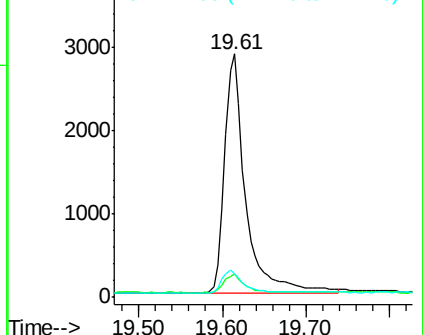
122 9.7 8.1 12.1



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: 0.17 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

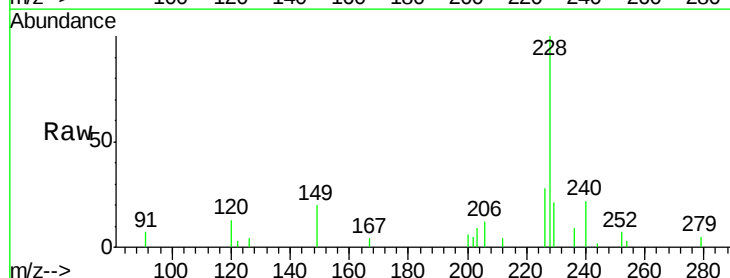
Tgt Ion:228 Resp: 5747

Ion Ratio Lower Upper

228 100

226 28.2 21.3 31.9

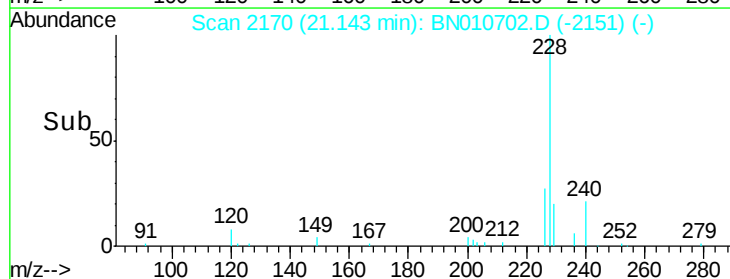
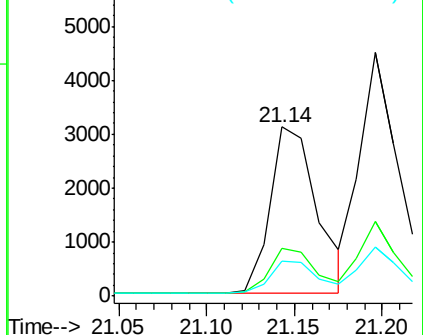
229 21.1 16.0 24.0

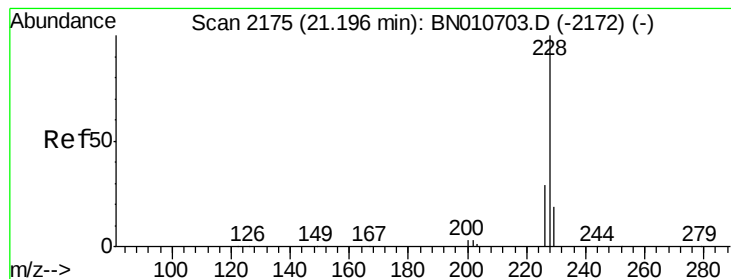


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.21 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

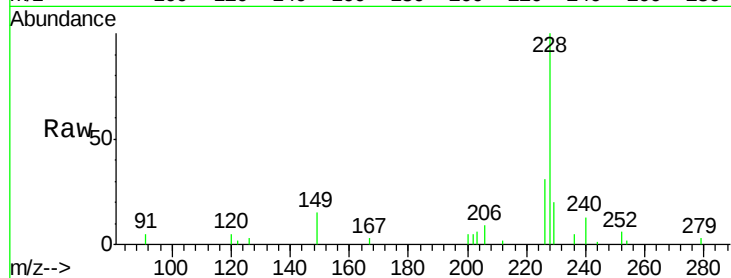
Tgt Ion:228 Resp: 7087

Ion Ratio Lower Upper

228 100

226 30.5 23.4 35.0

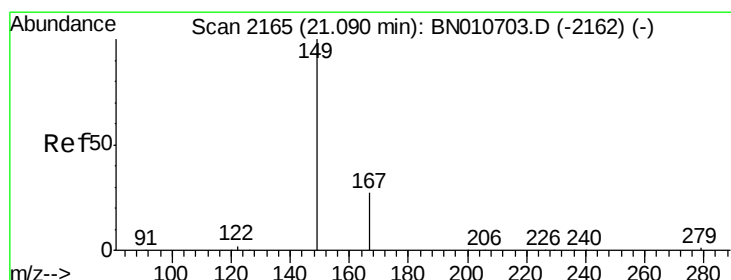
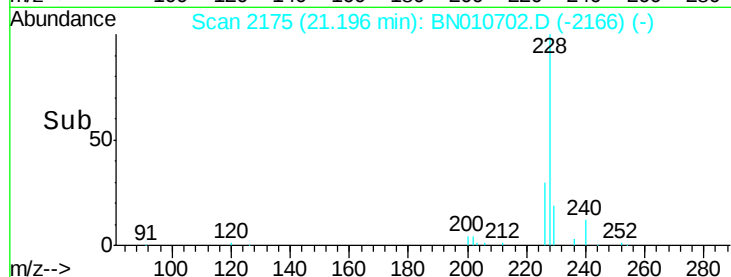
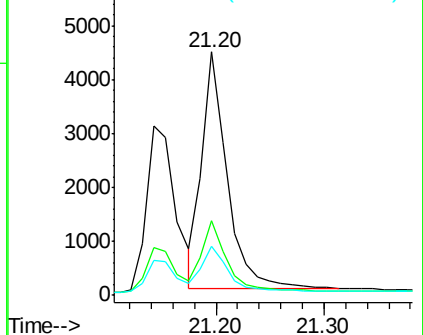
229 20.3 16.1 24.1



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: 0.15 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

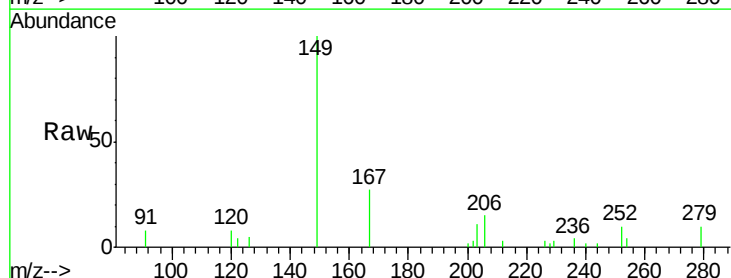
Tgt Ion:149 Resp: 2661

Ion Ratio Lower Upper

149 100

167 27.2 22.5 33.7

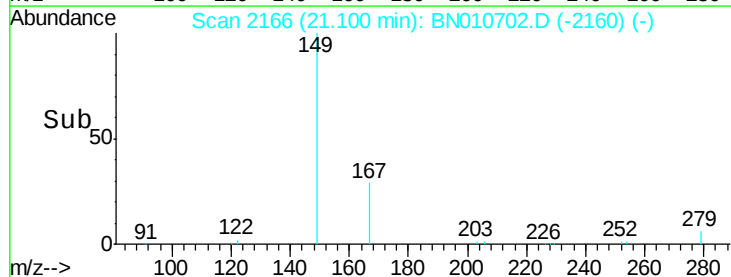
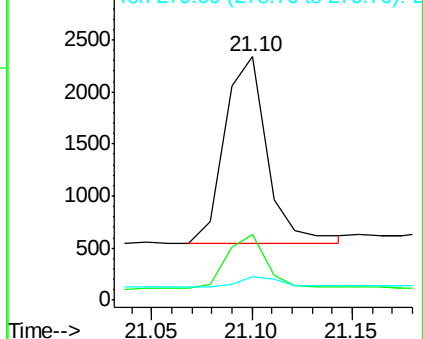
279 5.3 4.1 6.1

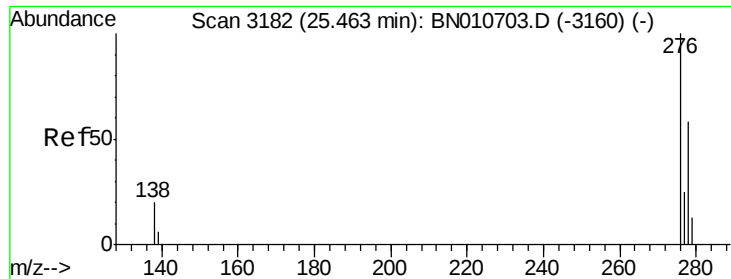


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.20 ng

RT: 25.48 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

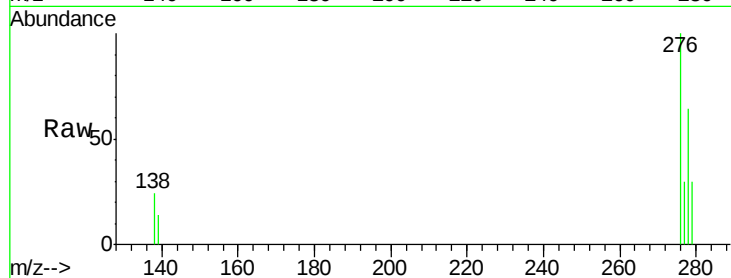
Tgt Ion:276 Resp: 6047

Ion Ratio Lower Upper

276 100

138 18.5 15.1 22.7

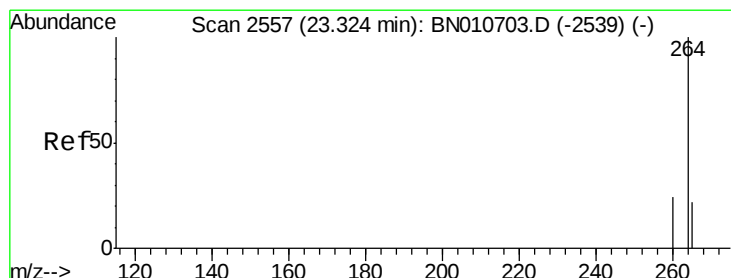
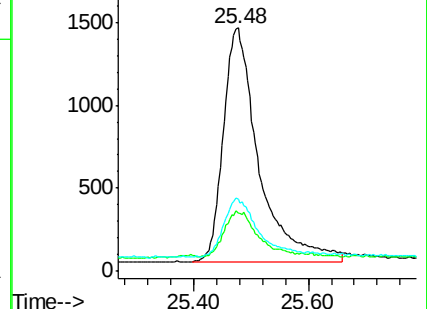
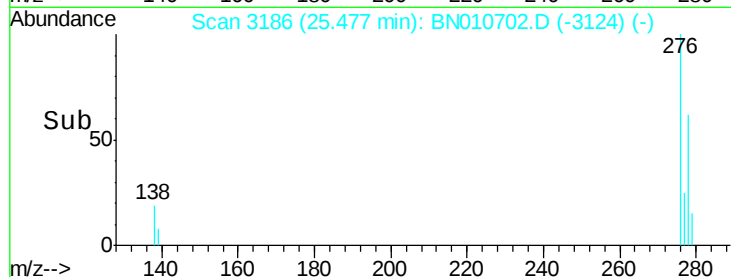
277 23.4 19.4 29.0



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: 0.40 ng

RT: 23.33 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

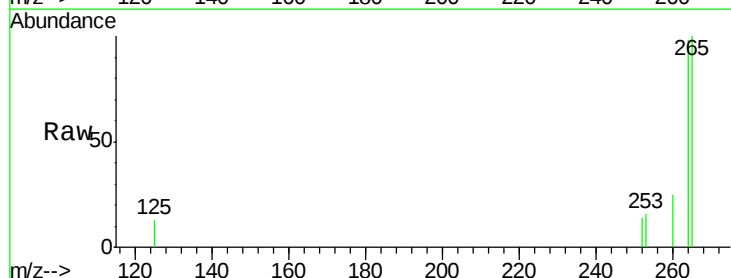
Tgt Ion:264 Resp: 9933

Ion Ratio Lower Upper

264 100

260 25.4 19.6 29.4

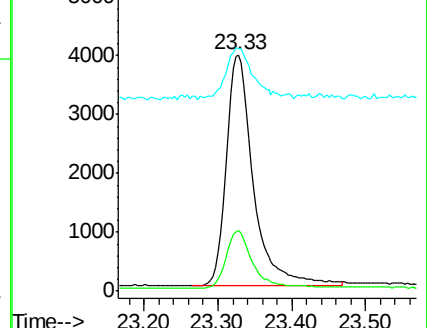
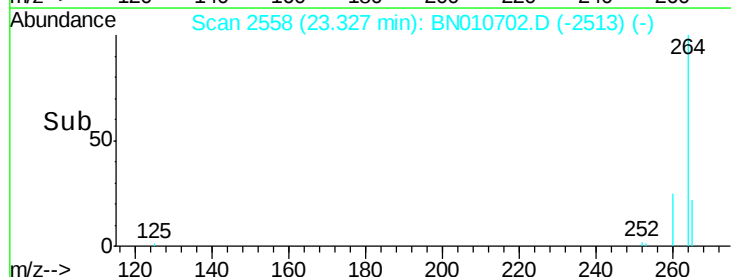
265 102.3 70.1 105.1

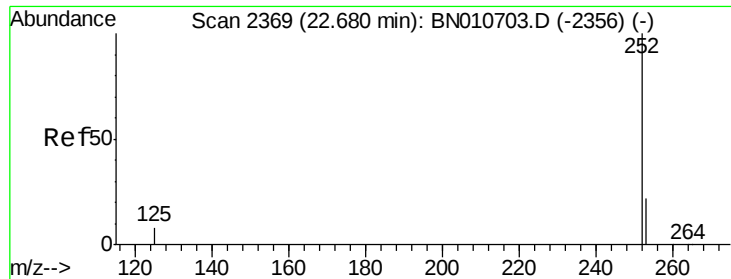


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.19 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

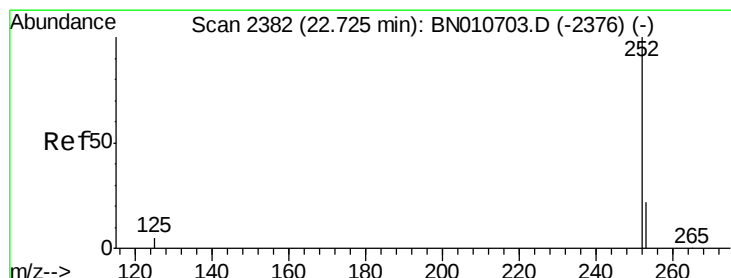
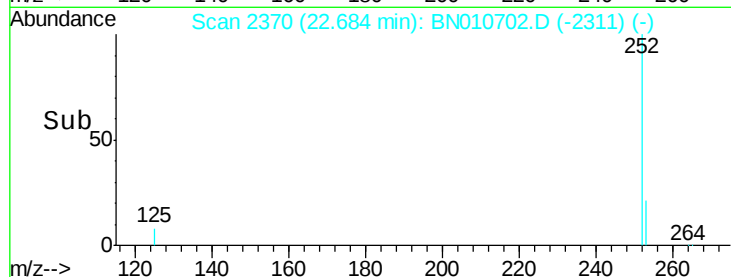
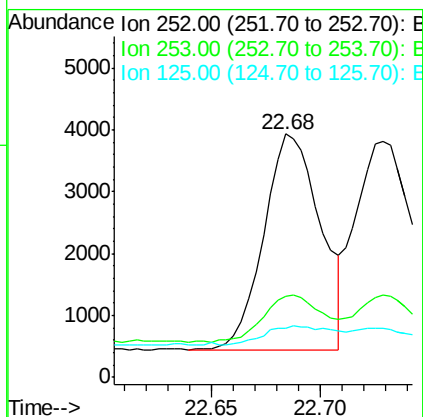
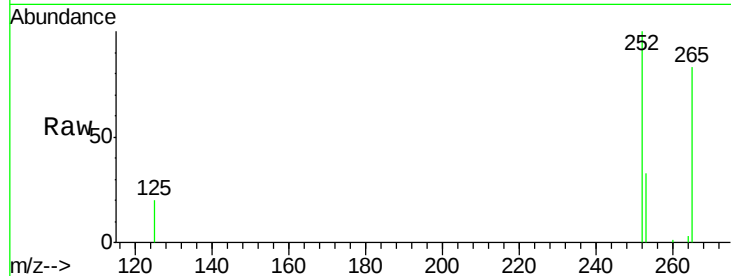
Tgt Ion:252 Resp: 6286

Ion Ratio Lower Upper

252 100

253 33.3 22.0 33.0#

125 20.2 10.8 16.2#



#36

Benzo(k)fluoranthene

Concen: 0.21 ng

RT: 22.73 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

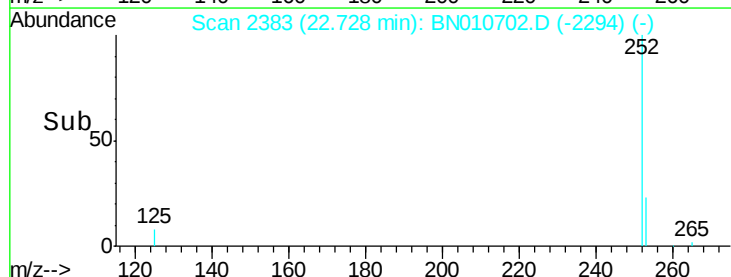
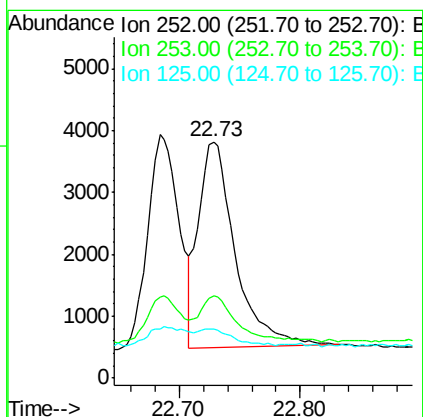
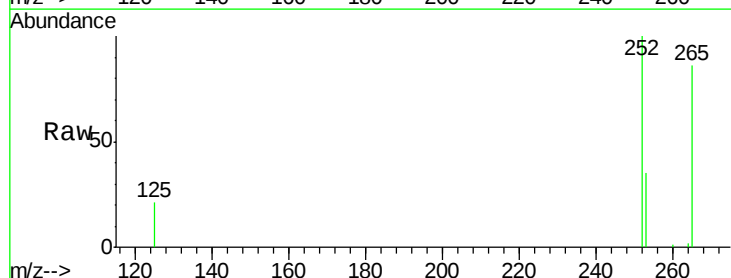
Tgt Ion:252 Resp: 7035

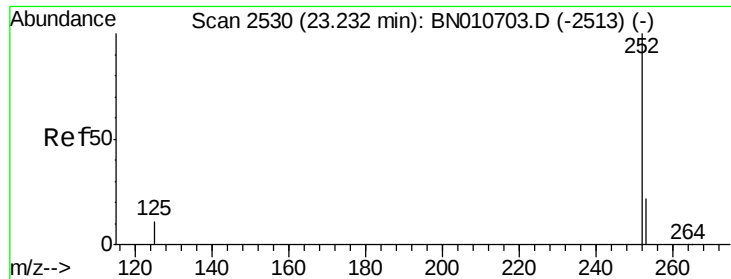
Ion Ratio Lower Upper

252 100

253 34.9 21.9 32.9#

125 20.9 11.1 16.7#





#37

Benzo(a)pyrene

Concen: 0.19 ng

RT: 23.24 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

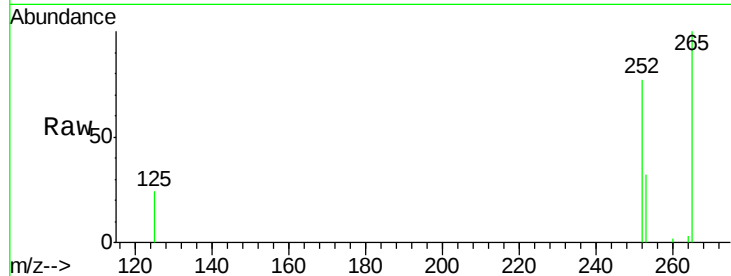
Tgt Ion:252 Resp: 5452

Ion Ratio Lower Upper

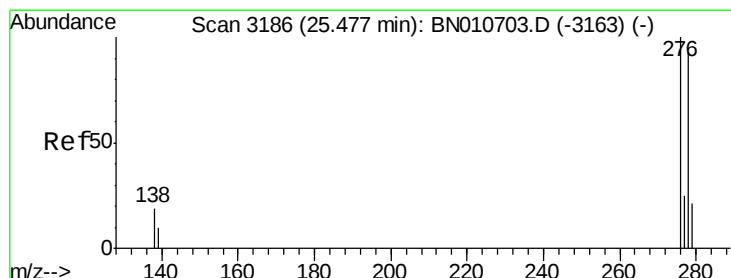
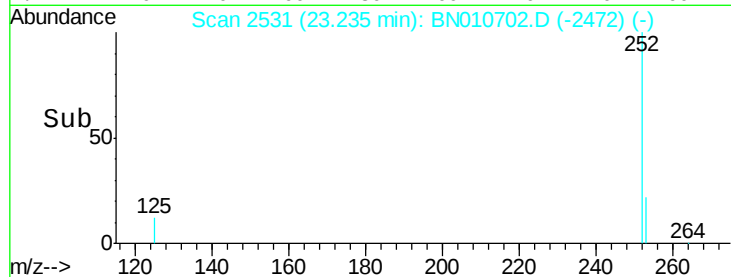
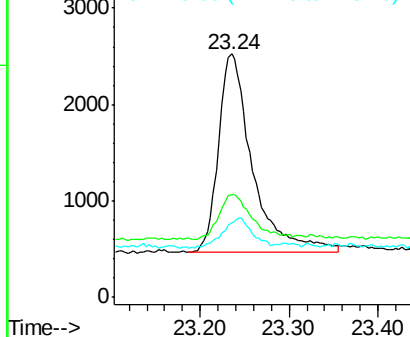
252 100

253 42.1 24.8 37.2#

125 30.7 15.8 23.6#



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: 0.16 ng

RT: 25.49 min Scan# 3190

Delta R.T. 0.01 min

Lab File: BN010702.D

Acq: 13 May 2020 10:45

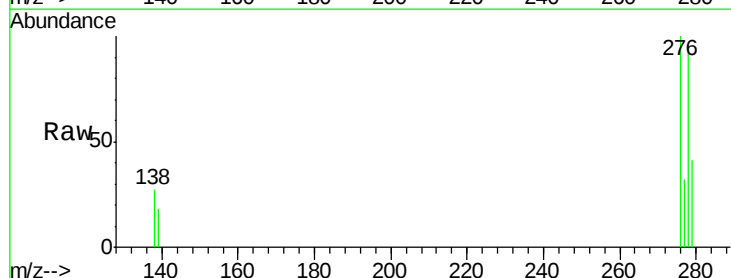
Tgt Ion:278 Resp: 4302

Ion Ratio Lower Upper

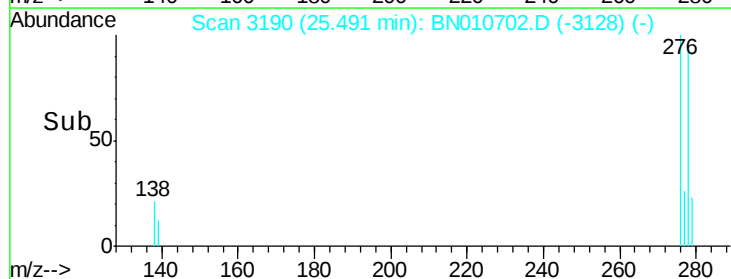
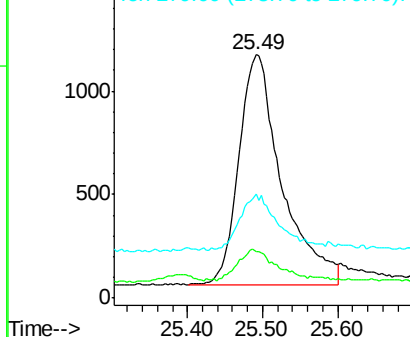
278 100

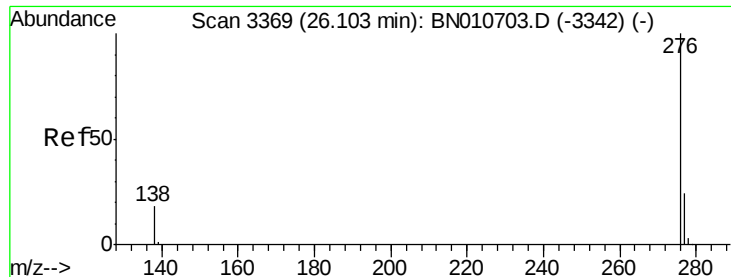
139 18.9 13.0 19.4

279 42.5 25.1 37.7#



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(g,h,i)perylene

Concen: 0.21 ng

RT: 26.11 min Scan# 3370

Delta R.T. 0.00 min

Lab File: BN010702.D

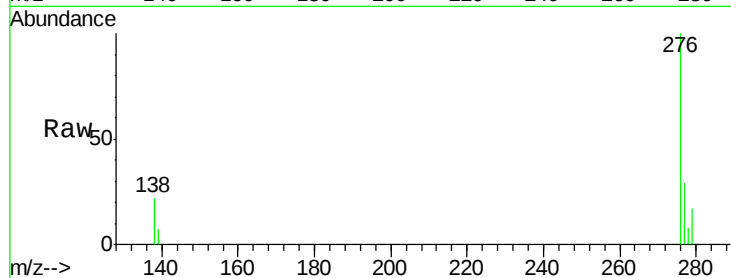
Acq: 13 May 2020 10:45

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2



Tgt Ion: 276 Resp: 5703

Ion Ratio Lower Upper

276 100

277 28.8 20.6 30.8

138 22.1 16.0 24.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

