

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
 Data File : BN010708.D
 Acq On : 13 May 2020 15:52
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN051320

Quant Time: May 13 16:25:51 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 14:18:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3404	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	13009	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	7891	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	16707	0.40	ng	0.00
27) Chrysene-d12	21.16	240	14133	0.40	ng	0.01
34) Perylene-d12	23.32	264	13148	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	2675	0.40	ng	0.00
5) Phenol-d6	6.77	99	3187	0.39	ng	0.00
8) Nitrobenzene-d5	8.71	82	3518	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	8359	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1048	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	11560	0.40	ng	0.00
25) Fluoranthene-d10	18.99	212	17358	0.38	ng	0.00
29) Terphenyl-d14	19.60	244	13182	0.39	ng	0.00

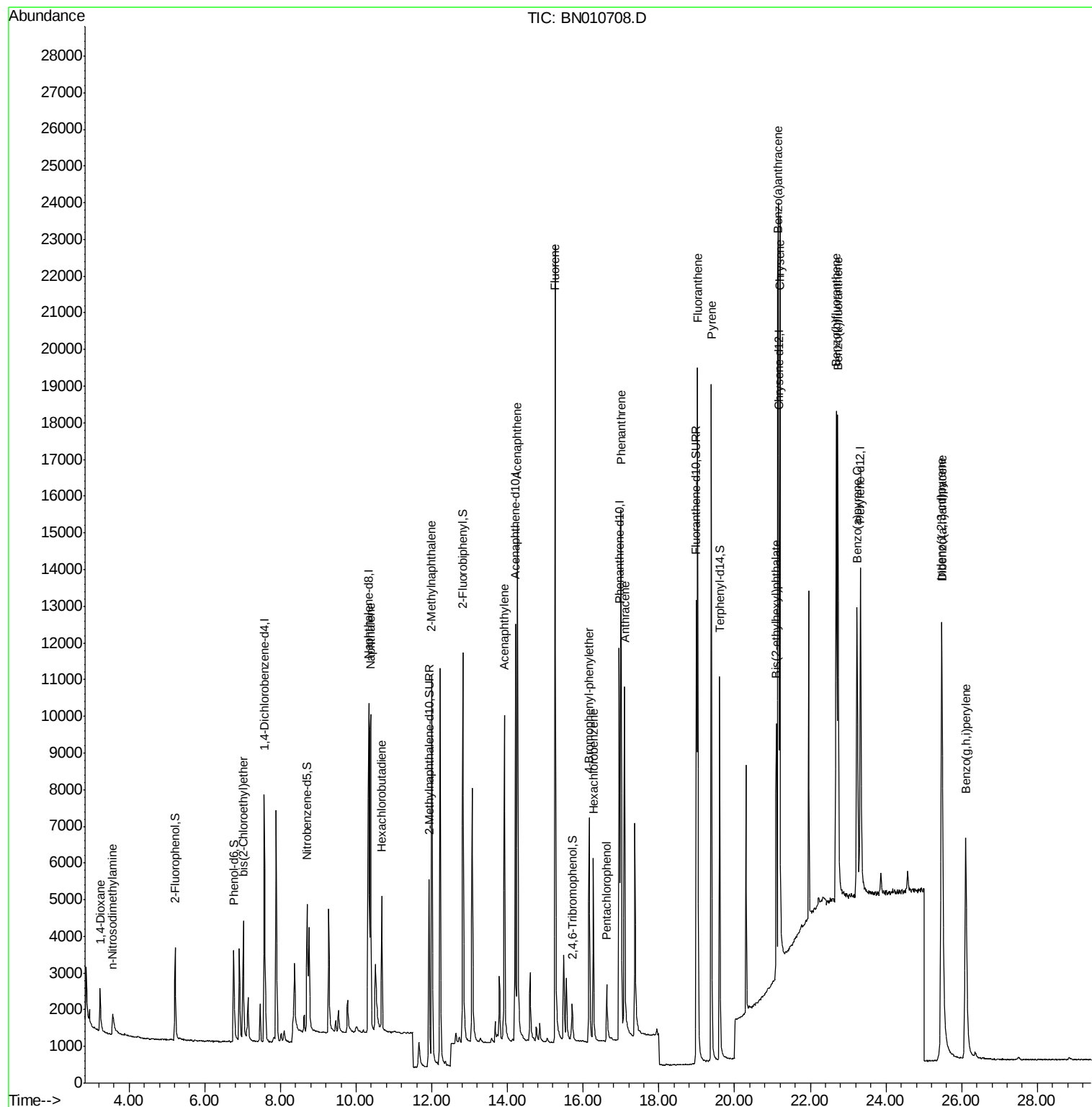
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.23	88	1242	0.42	ng	99
3) n-Nitrosodimethylamine	3.56	42	682	0.40	ng	# 98
6) bis(2-Chloroethyl)ether	7.02	93	3363	0.40	ng	96
9) Naphthalene	10.38	128	13053	0.40	ng	100
10) Hexachlorobutadiene	10.67	225	3035	0.41	ng	# 100
12) 2-Methylnaphthalene	12.00	142	9060	0.39	ng	99
16) Acenaphthylene	13.91	152	12099	0.38	ng	100
17) Acenaphthene	14.26	154	8762	0.40	ng	98
18) Fluorene	15.26	166	11137	0.39	ng	100
20) 4-Bromophenyl-phenylether	16.16	248	3587	0.39	ng	97
21) Hexachlorobenzene	16.26	284	4351	0.40	ng	100
22) Pentachlorophenol	16.62	266	1247	0.37	ng	98
23) Phenanthrene	17.00	178	17329	0.39	ng	100
24) Anthracene	17.09	178	14005	0.37	ng	100
26) Fluoranthene	19.02	202	19500	0.38	ng	99
28) Pyrene	19.39	202	19491	0.38	ng	100
30) Benzo(a)anthracene	21.14	228	16328	0.40	ng	99
31) Chrysene	21.20	228	18390	0.39	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	6690	0.37	ng	100
33) Indeno(1,2,3-cd)pyrene	25.46	276	18854	0.45	ng	98
35) Benzo(b)fluoranthene	22.68	252	16808	0.39	ng	98
36) Benzo(k)fluoranthene	22.73	252	19621	0.42	ng	98
37) Benzo(a)pyrene	23.23	252	14595	0.39	ng	98
38) Dibenzo(a,h)anthracene	25.48	278	15431	0.48	ng	96
39) Benzo(g,h,i)perylene	26.10	276	15746	0.42	ng	100

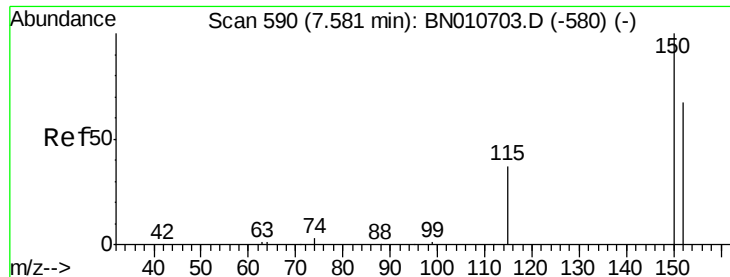
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051320\
Data File : BN010708.D
Acq On : 13 May 2020 15:52
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN051320

Quant Time: May 13 16:25:51 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 14:18:48 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.57 min Scan# 589

Delta R.T. -0.01 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

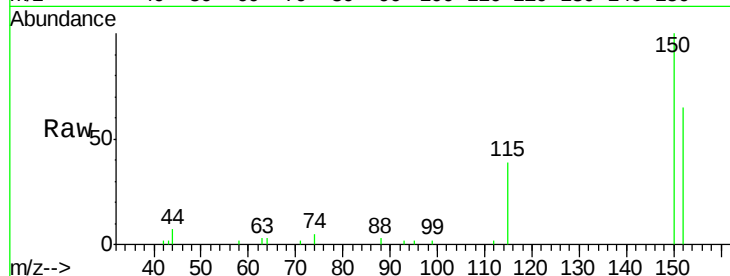
Tgt Ion:152 Resp: 3404

Ion Ratio Lower Upper

152 100

150 154.6 119.4 179.0

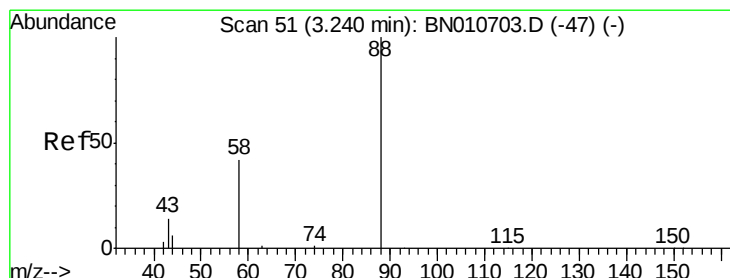
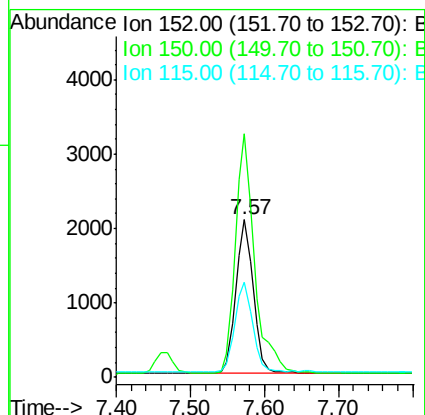
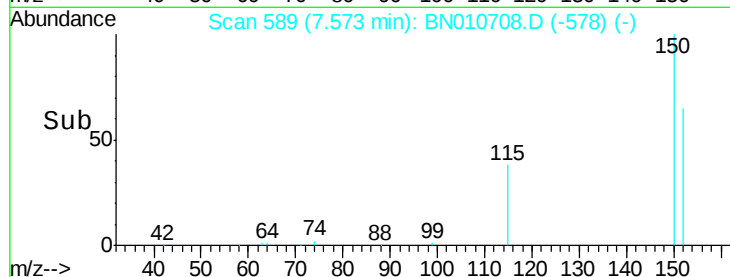
115 60.4 45.9 68.9



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: 0.42 ng

RT: 3.23 min Scan# 50

Delta R.T. -0.01 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

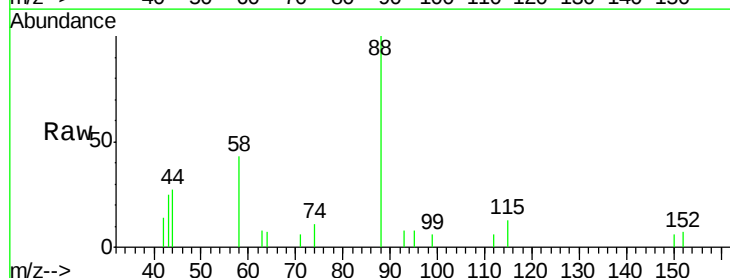
Tgt Ion: 88 Resp: 1242

Ion Ratio Lower Upper

88 100

58 49.0 39.0 58.6

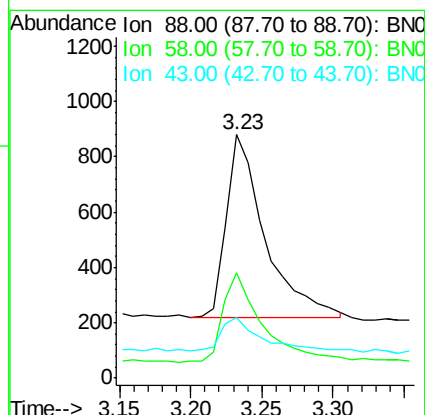
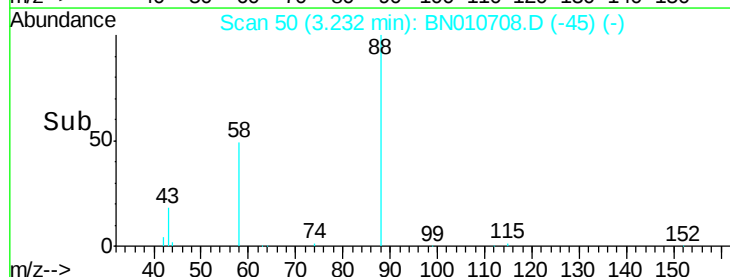
43 17.0 13.1 19.7

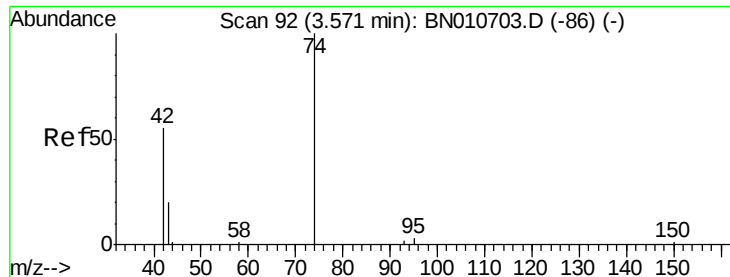


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.40 ng

RT: 3.56 min Scan# 91

Delta R.T. -0.01 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

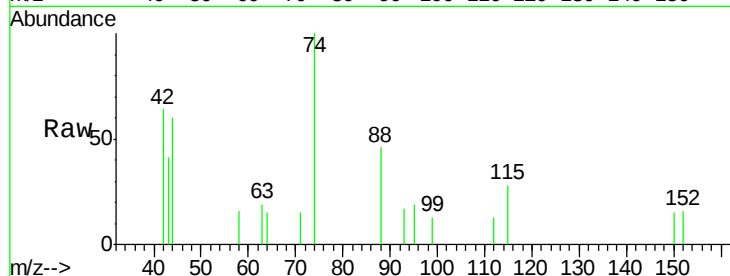
Tgt Ion: 42 Resp: 682

Ion Ratio Lower Upper

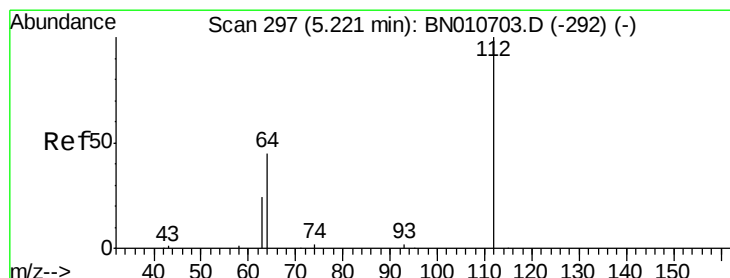
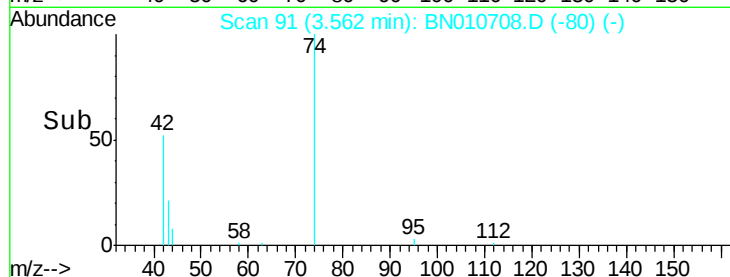
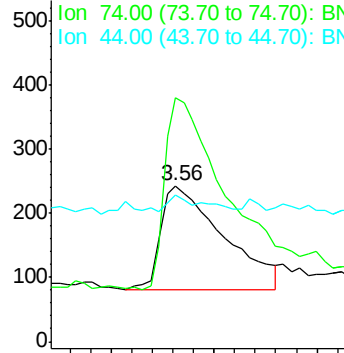
42 100

74 185.6 146.2 219.2

44 8.8 3.0 4.4#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.40 ng

RT: 5.21 min Scan# 296

Delta R.T. -0.01 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

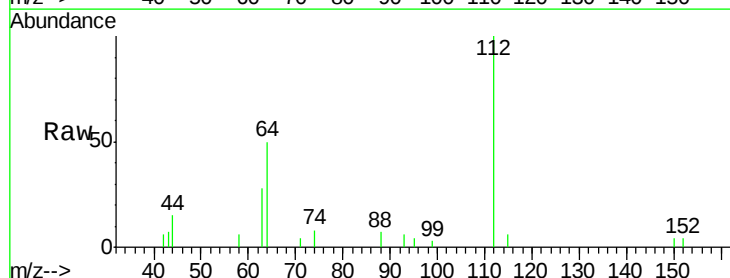
Tgt Ion: 112 Resp: 2675

Ion Ratio Lower Upper

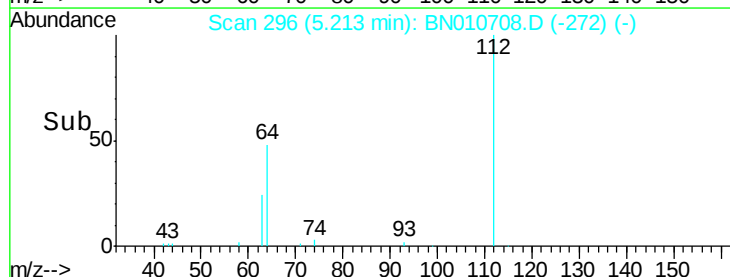
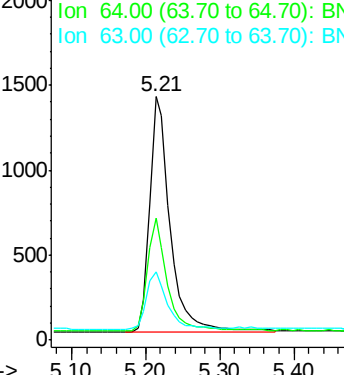
112 100

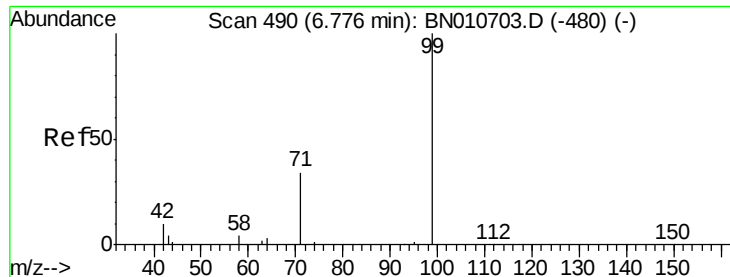
64 45.5 36.2 54.4

63 24.8 19.8 29.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.39 ng

RT: 6.77 min Scan# 489

Delta R.T. -0.01 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

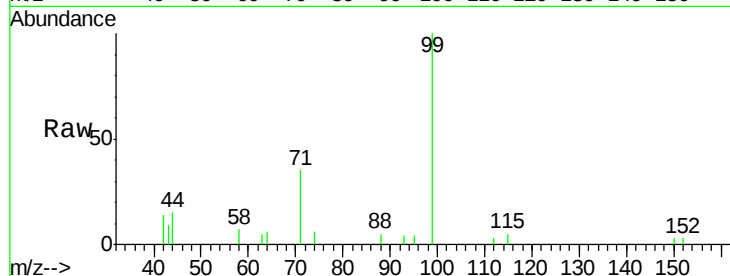
Tgt Ion: 99 Resp: 3187

Ion Ratio Lower Upper

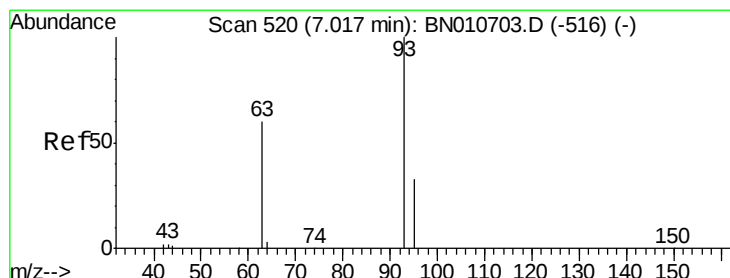
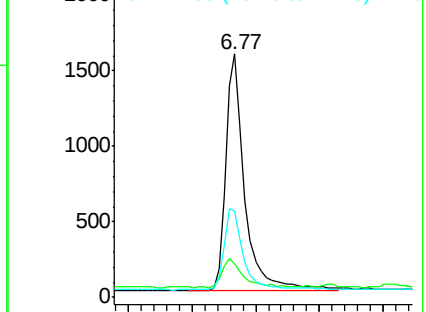
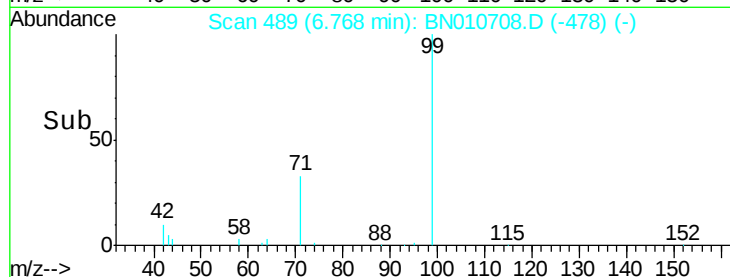
99 100

42 13.5 9.8 14.8

71 34.7 28.6 42.8



Abundance Ion 99.00 (98.70 to 99.70): BN010708.D (-478) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.40 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

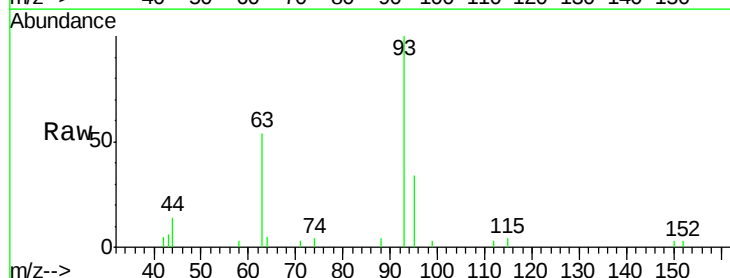
Tgt Ion: 93 Resp: 3363

Ion Ratio Lower Upper

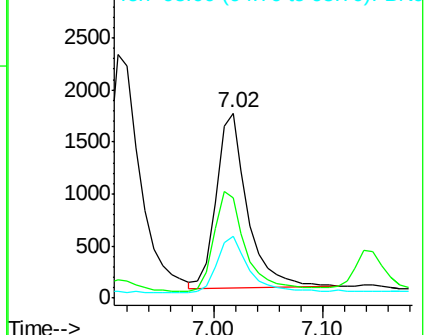
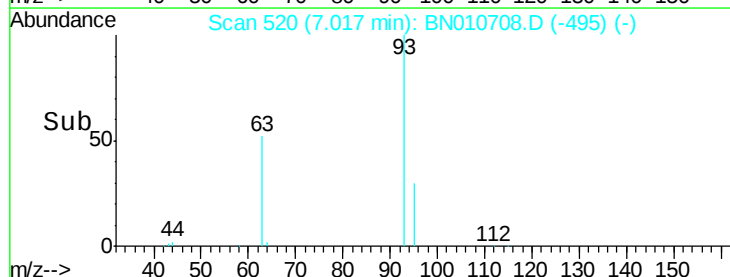
93 100

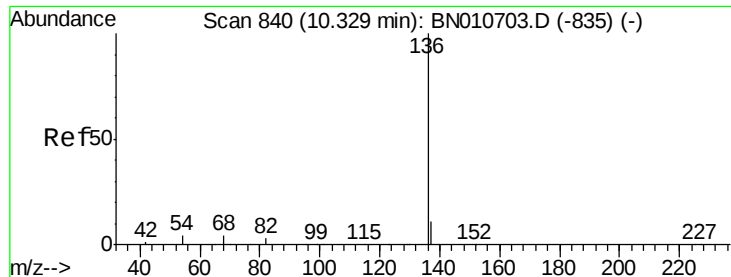
63 57.6 43.1 64.7

95 32.6 24.6 37.0



Abundance Ion 93.00 (92.70 to 93.70): BN010708.D (-495) (-)





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

Tgt Ion:136 Resp: 13009

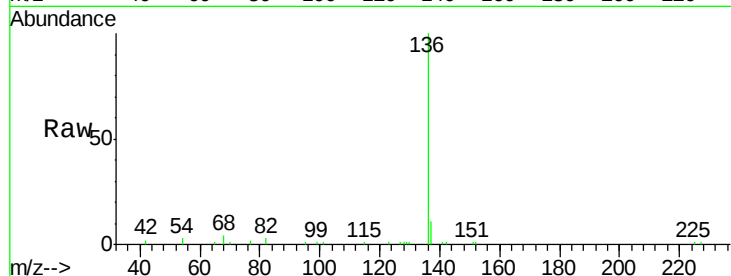
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 3.5 3.6 5.4#

68 4.2 4.1 6.1

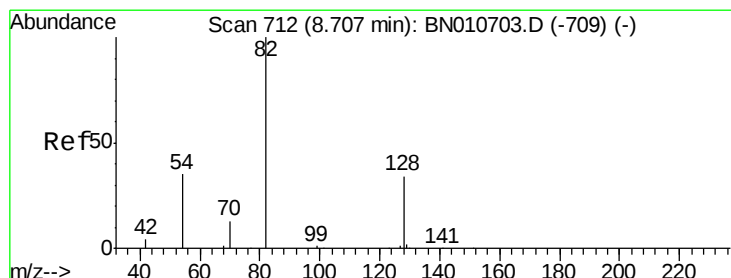
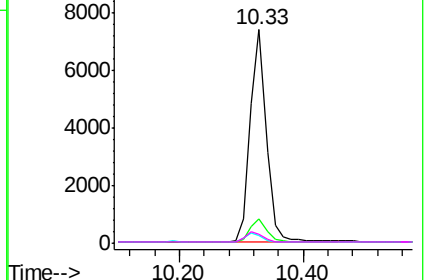
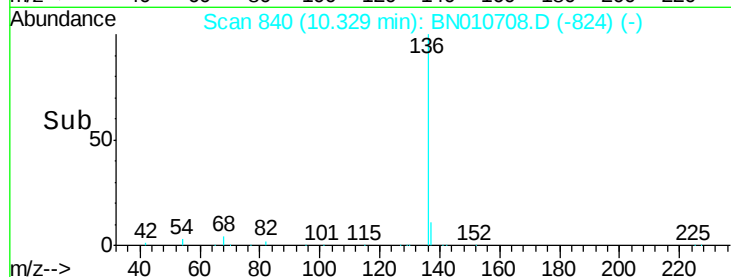


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.39 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

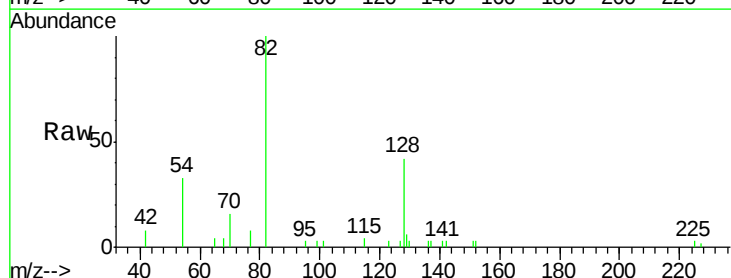
Tgt Ion: 82 Resp: 3518

Ion Ratio Lower Upper

82 100

128 42.3 29.0 43.4

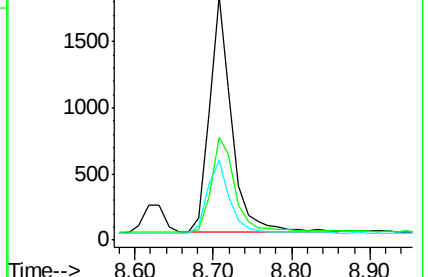
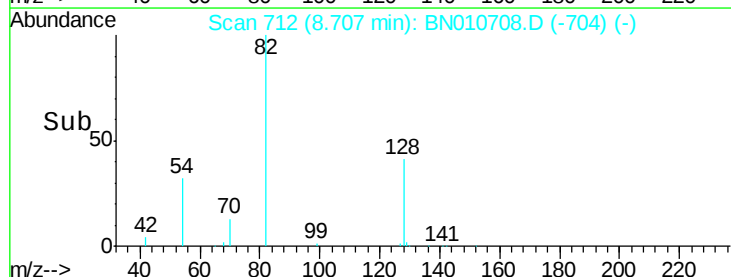
54 32.5 29.3 43.9

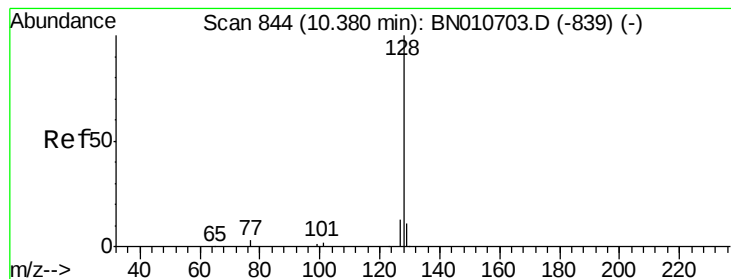


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.40 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

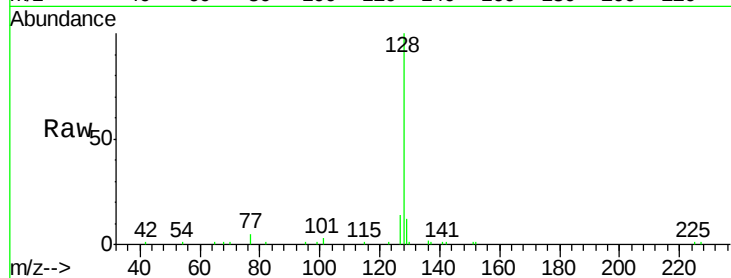
Tgt Ion:128 Resp: 13053

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

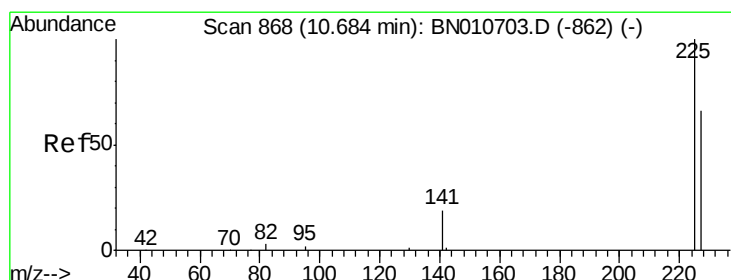
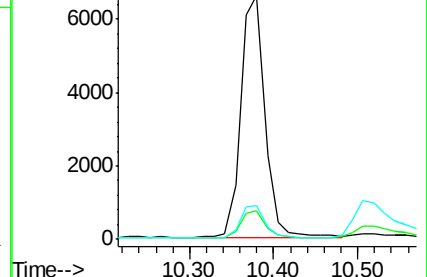
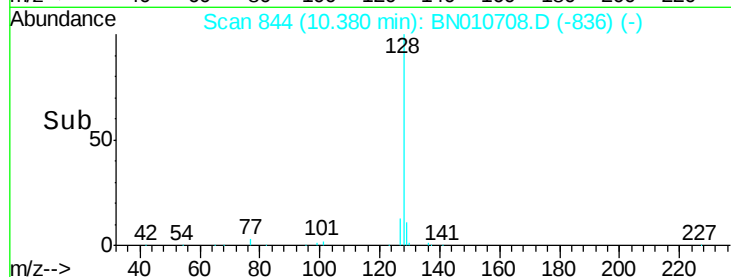
127 13.6 11.0 16.6



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: 0.41 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

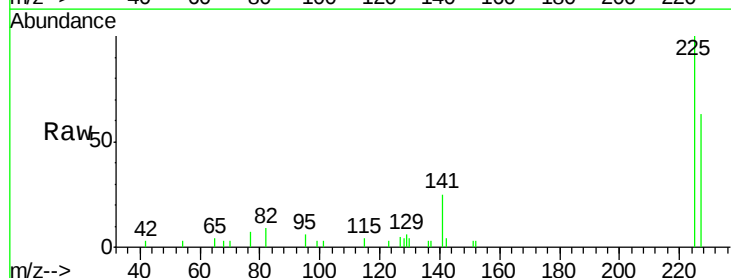
Tgt Ion:225 Resp: 3035

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

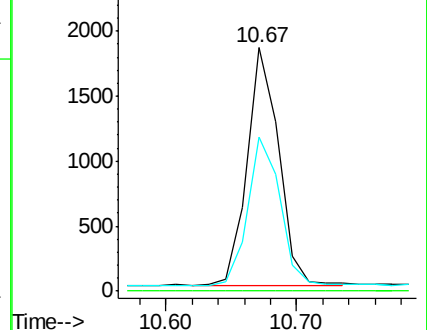
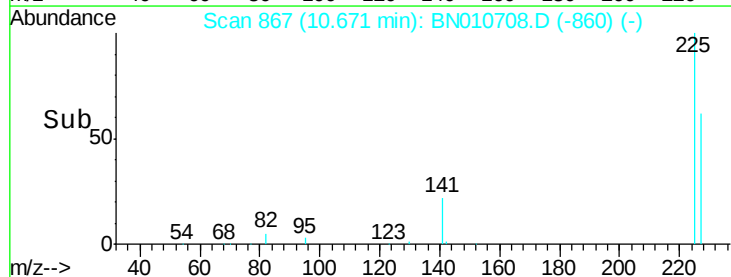
227 63.6 50.7 76.1

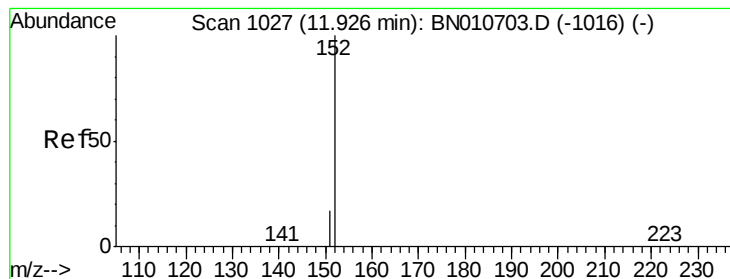


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.39 ng

RT: 11.93 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

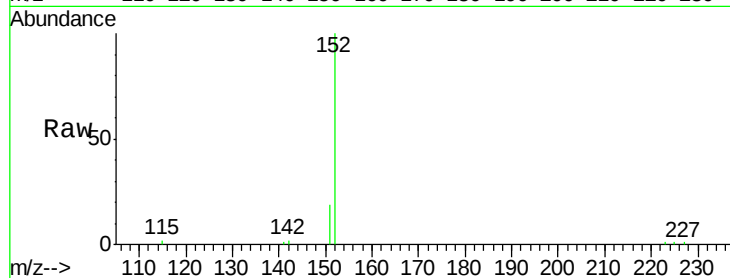
ICVBN051320

Tgt Ion:152 Resp: 8359

Ion Ratio Lower Upper

152 100

151 19.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.93

5000

4000

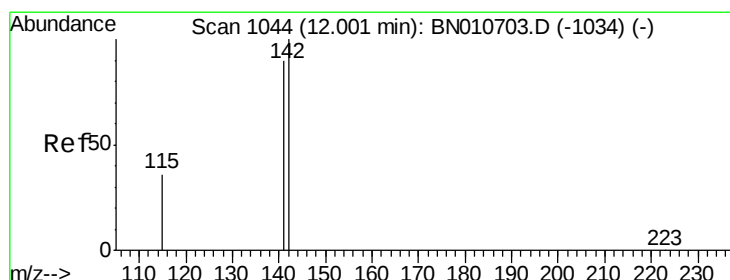
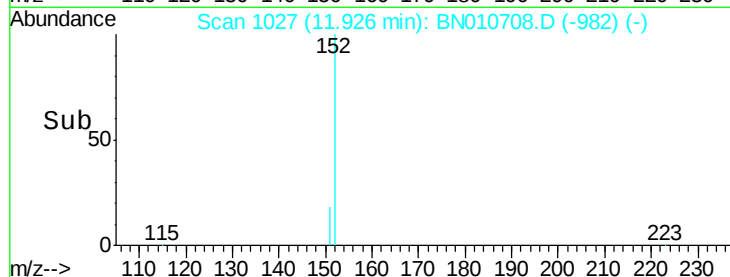
3000

2000

1000

0

Time--> 11.80 12.00



#12

2-Methylnaphthalene

Concen: 0.39 ng

RT: 12.00 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

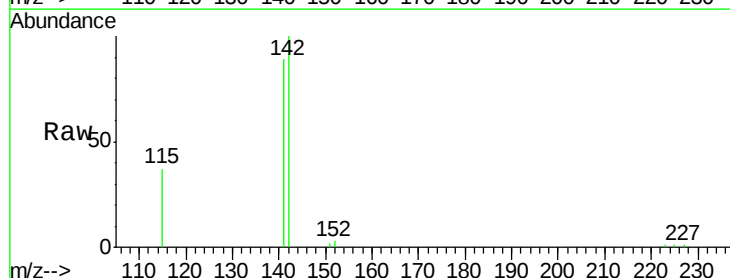
Tgt Ion:142 Resp: 9060

Ion Ratio Lower Upper

142 100

141 88.5 71.7 107.5

115 36.6 29.8 44.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.00

6000

5000

4000

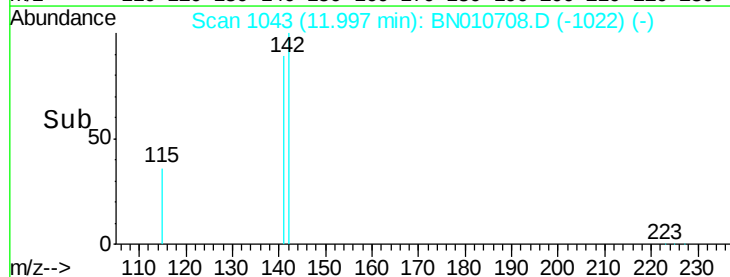
3000

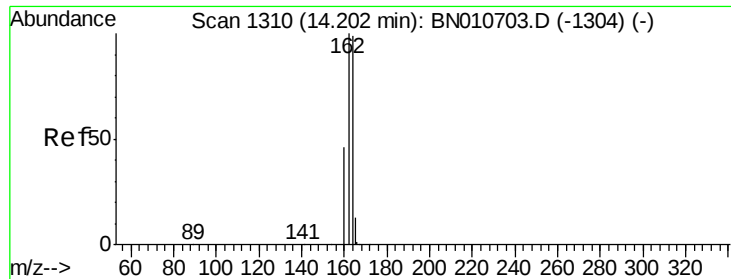
2000

1000

0

Time--> 11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

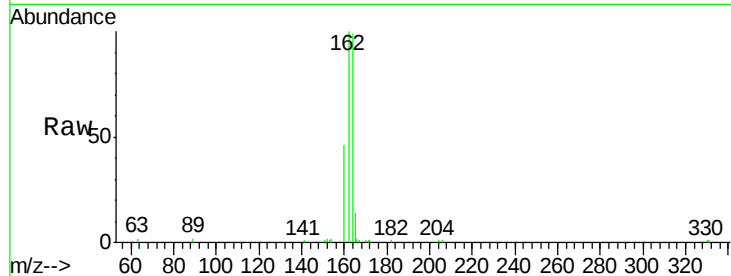
Tgt Ion:164 Resp: 7891

Ion Ratio Lower Upper

164 100

162 101.5 81.1 121.7

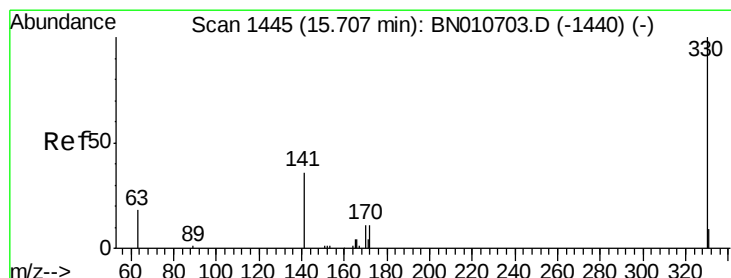
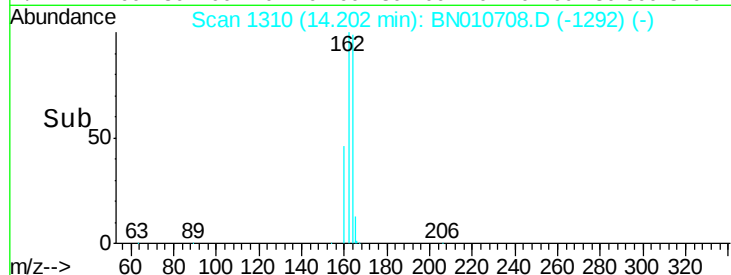
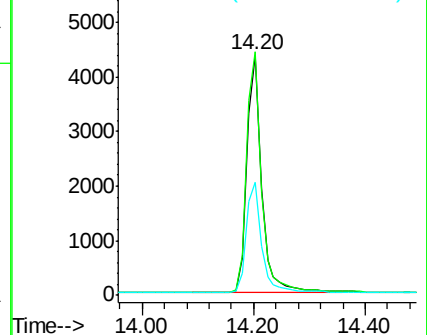
160 47.1 37.9 56.9



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: 0.37 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

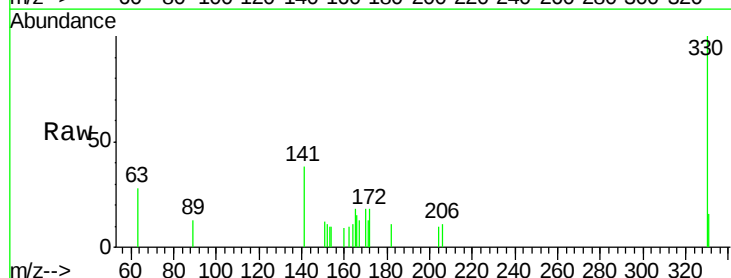
Tgt Ion:330 Resp: 1048

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

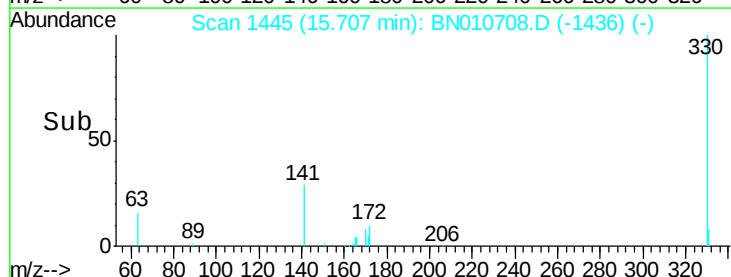
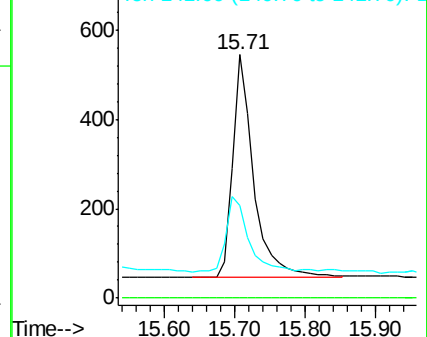
141 37.9 28.8 43.2

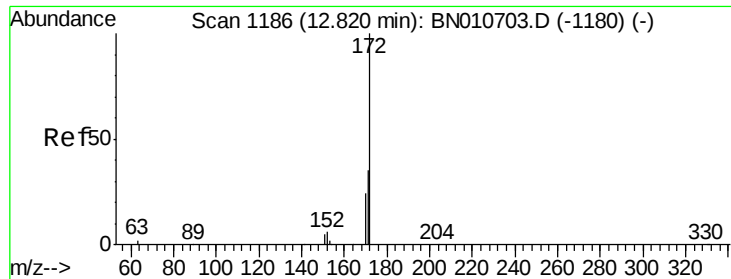


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

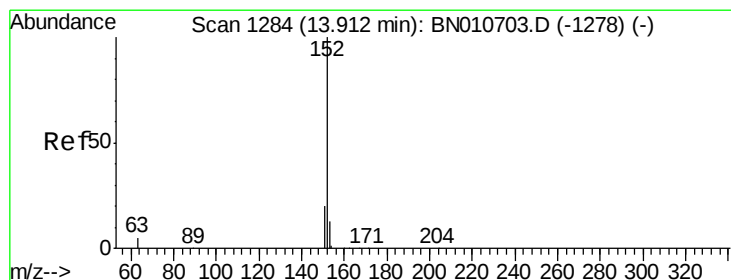
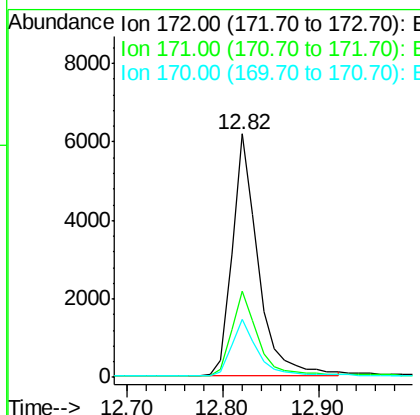
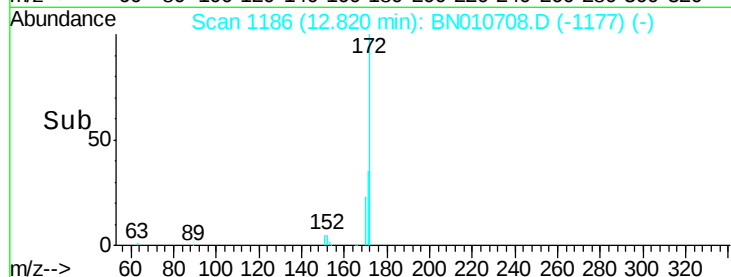
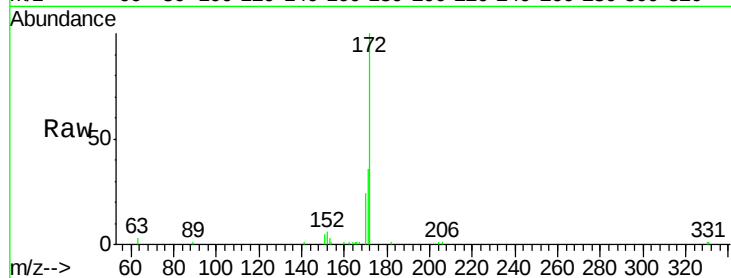




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010708.D
Acq: 13 May 2020 15:52

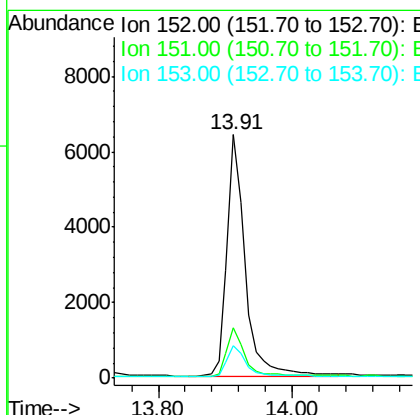
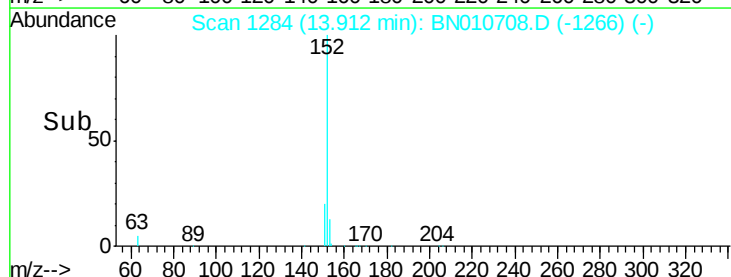
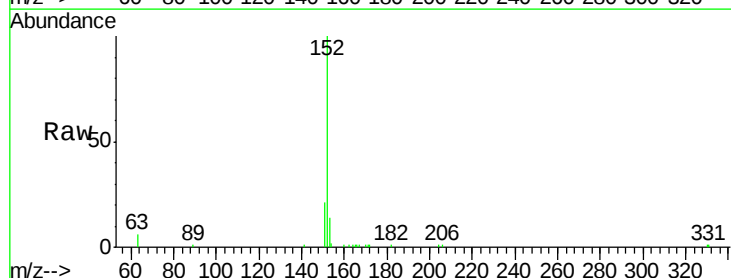
Instrument :
BNA_N
ClientSampleId :
ICVBN051320

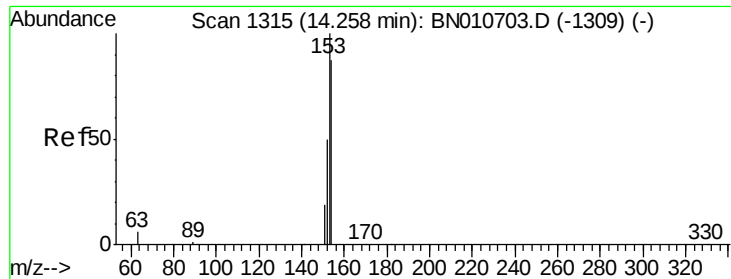
Tgt Ion:172 Resp: 11560
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.6 19.8 29.8



#16
Acenaphthylene
Concen: 0.38 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010708.D
Acq: 13 May 2020 15:52

Tgt Ion:152 Resp: 12099
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.40 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

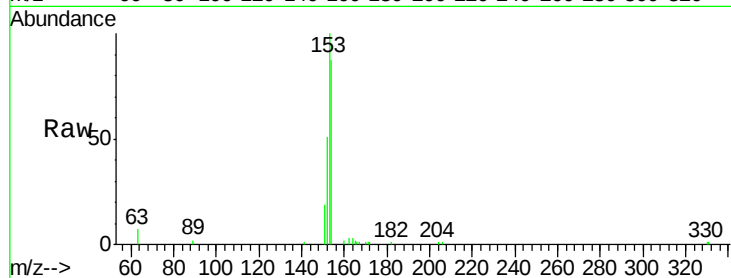
Tgt Ion:154 Resp: 8762

Ion Ratio Lower Upper

154 100

153 112.3 91.5 137.3

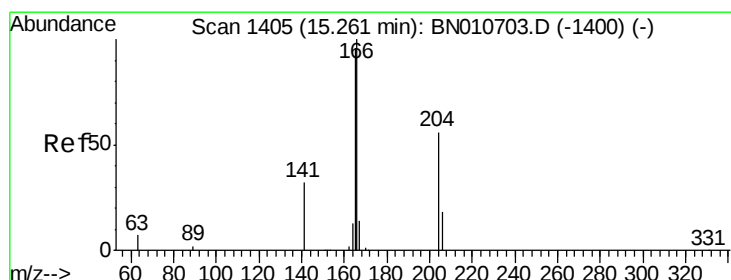
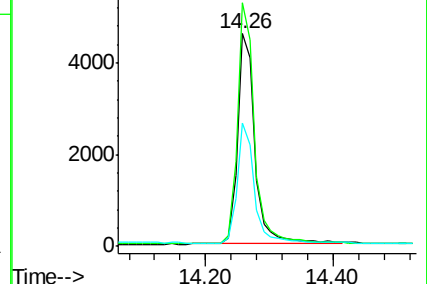
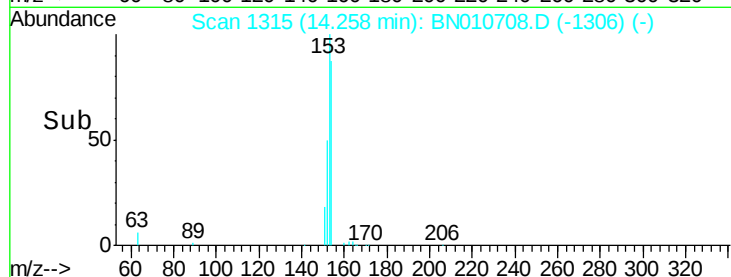
152 56.0 45.6 68.4



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: 0.39 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

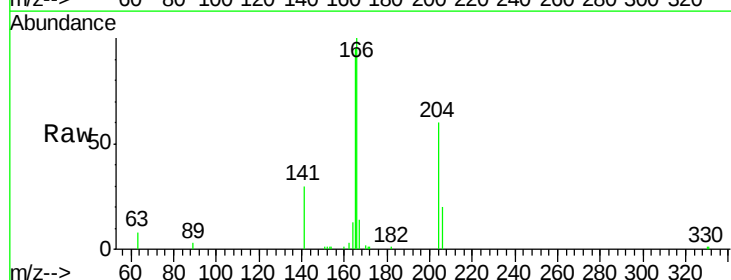
Tgt Ion:166 Resp: 11137

Ion Ratio Lower Upper

166 100

165 97.7 77.9 116.9

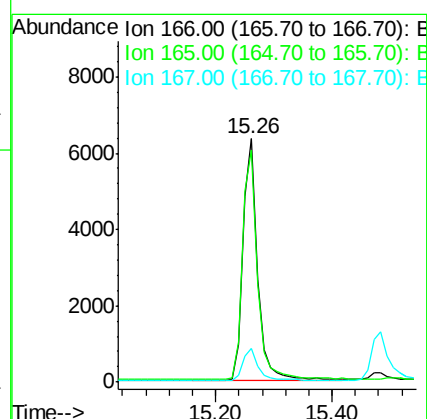
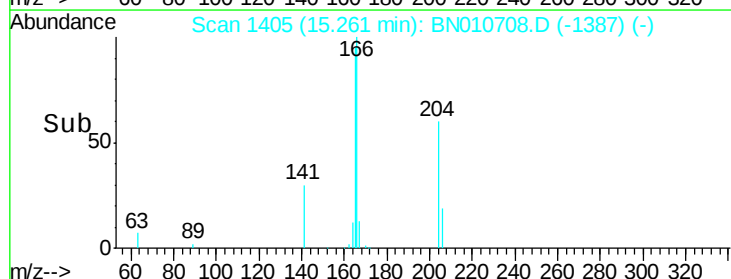
167 13.4 11.0 16.4

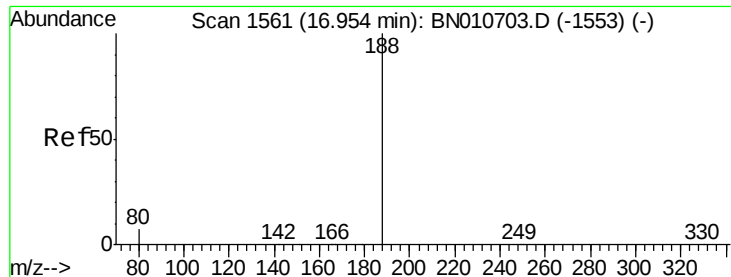


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

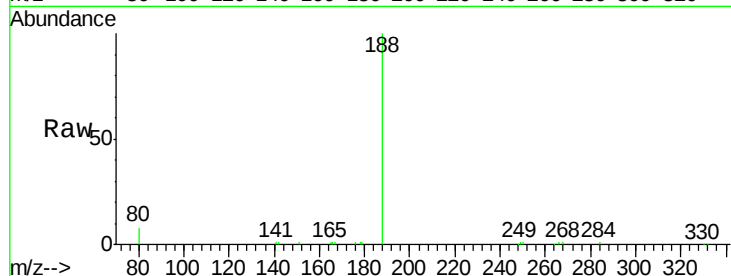
Tgt Ion:188 Resp: 16707

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

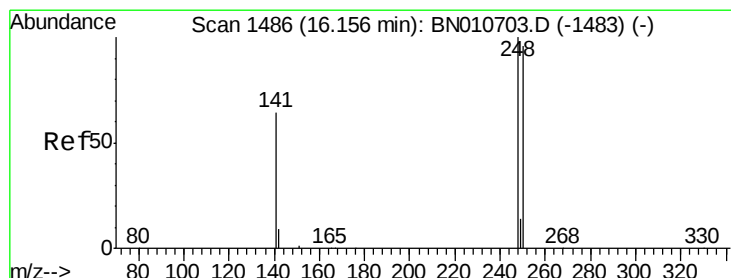
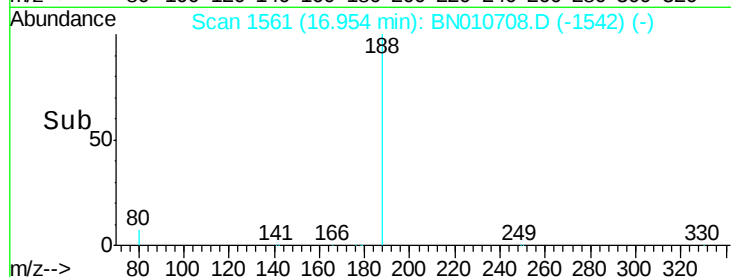
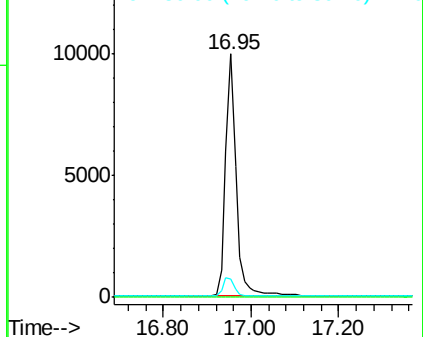
80 7.5 6.3 9.5



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: 0.39 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

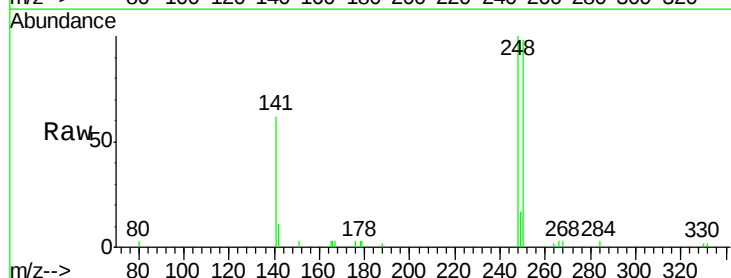
Tgt Ion:248 Resp: 3587

Ion Ratio Lower Upper

248 100

250 98.0 77.4 116.0

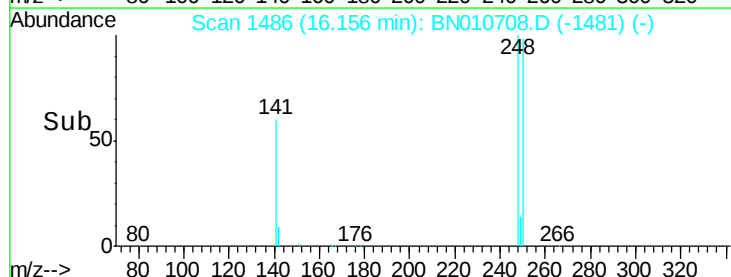
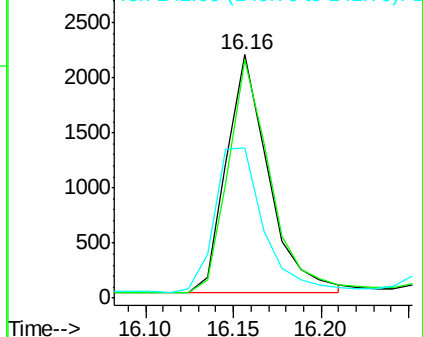
141 61.9 53.1 79.7

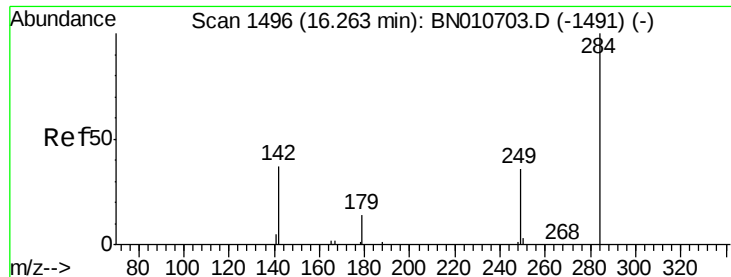


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.40 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

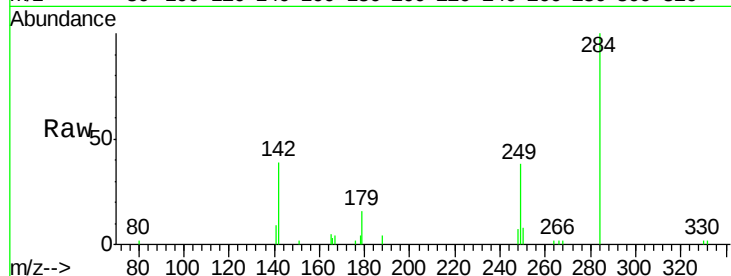
Tgt Ion:284 Resp: 4351

Ion Ratio Lower Upper

284 100

142 35.4 28.2 42.2

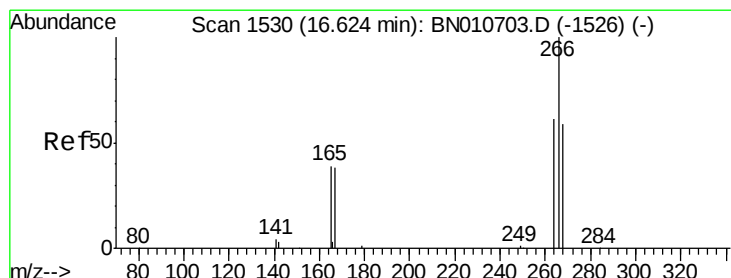
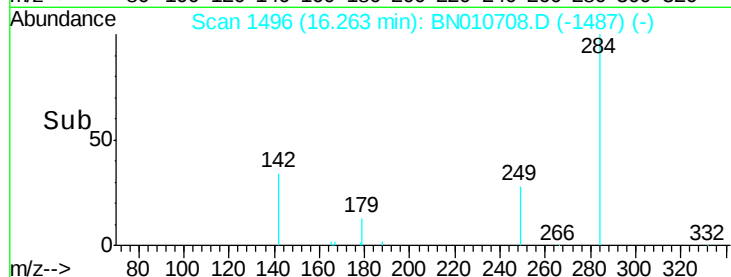
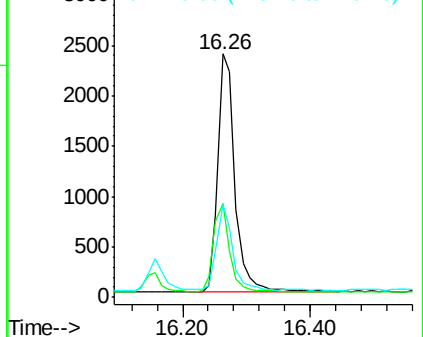
249 32.9 26.4 39.6



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: 0.37 ng

RT: 16.62 min Scan# 1530

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

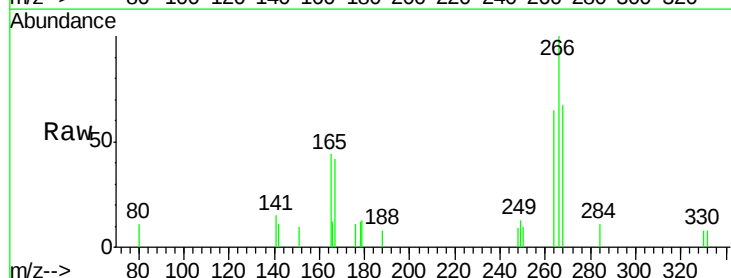
Tgt Ion:266 Resp: 1247

Ion Ratio Lower Upper

266 100

264 65.5 51.1 76.7

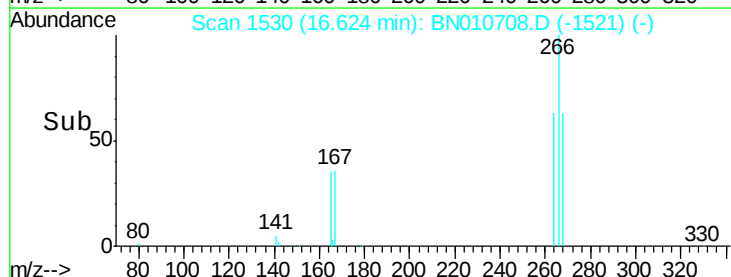
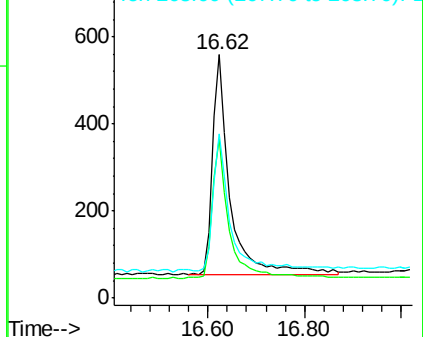
268 67.3 52.1 78.1

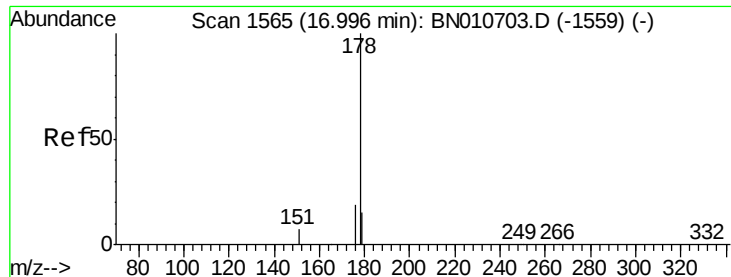


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.39 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

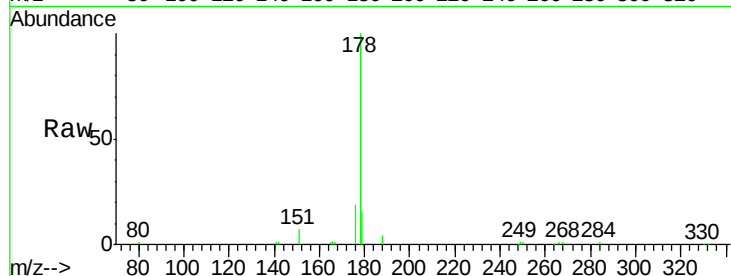
Tgt Ion:178 Resp: 17329

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

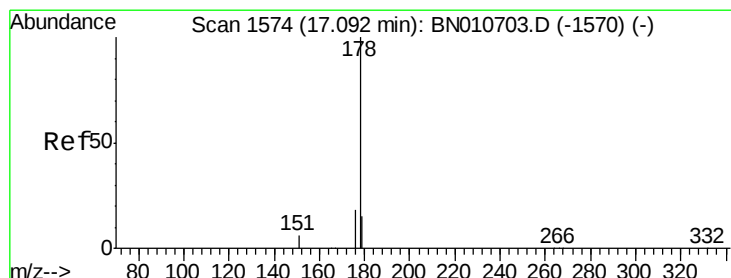
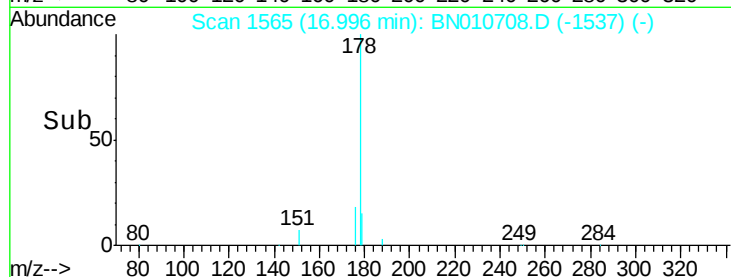
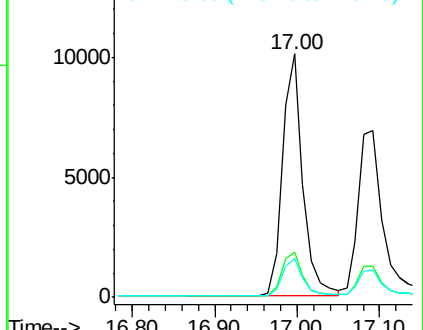
179 15.4 12.2 18.4



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: 0.37 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

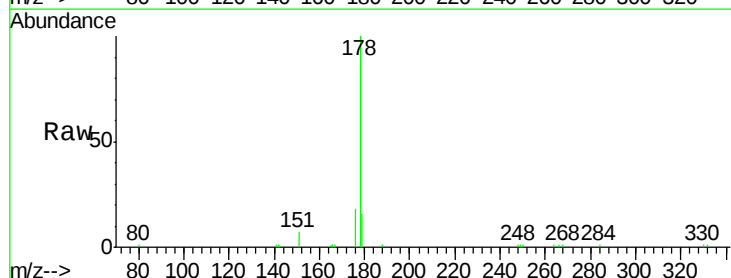
Tgt Ion:178 Resp: 14005

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

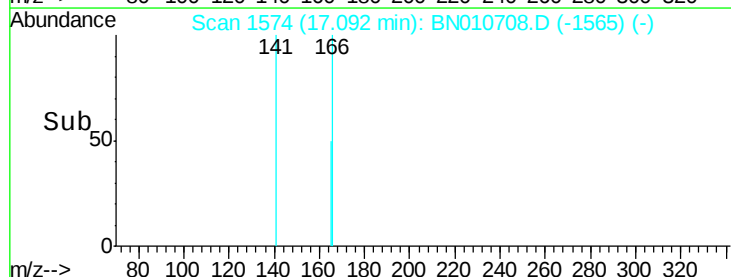
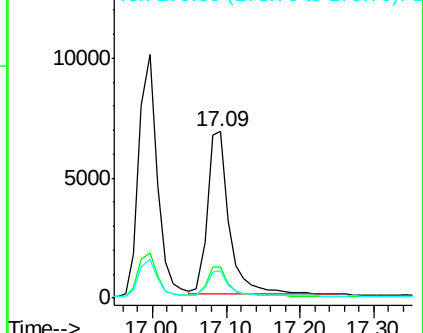
179 15.4 12.3 18.5

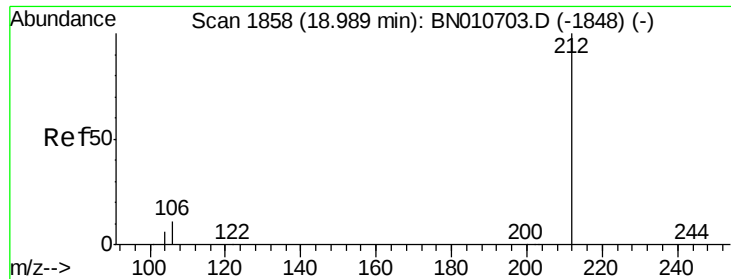


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.38 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

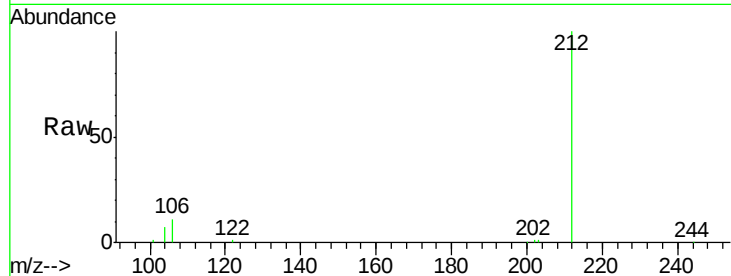
Tgt Ion:212 Resp: 17358

Ion Ratio Lower Upper

212 100

106 10.1 8.2 12.2

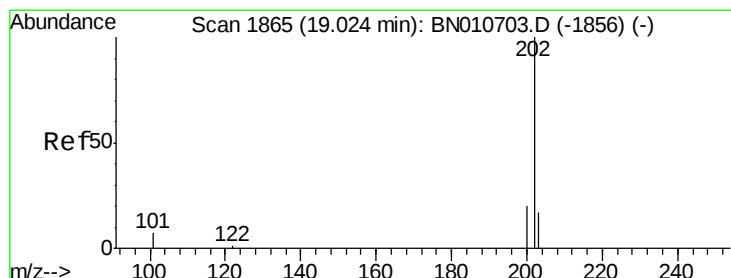
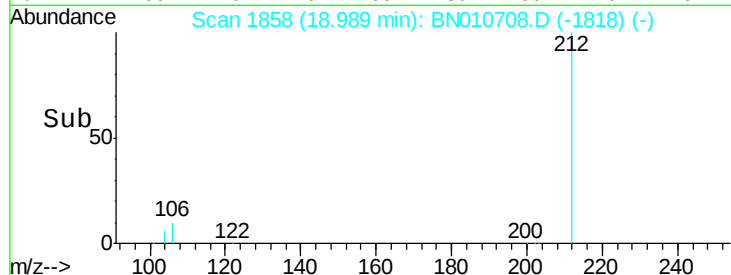
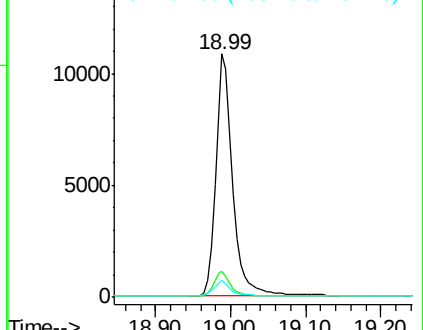
104 5.8 4.7 7.1



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: 0.38 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

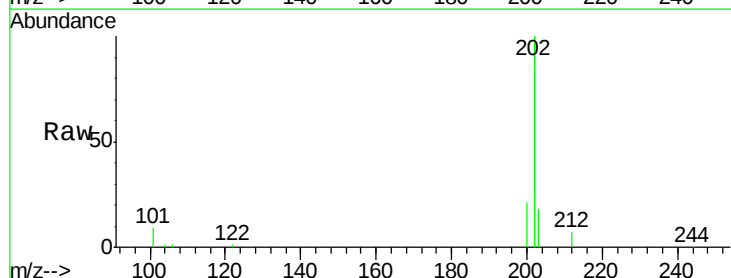
Tgt Ion:202 Resp: 19500

Ion Ratio Lower Upper

202 100

101 8.7 6.7 10.1

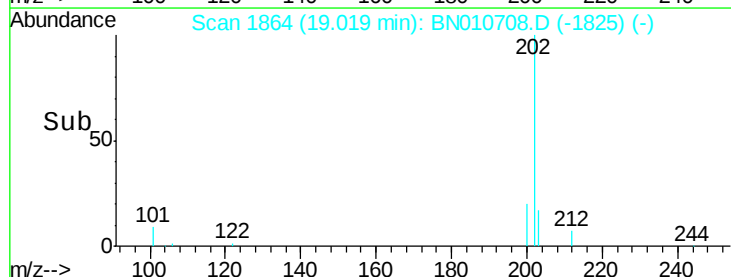
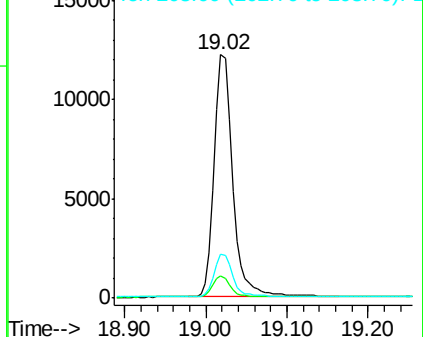
203 17.2 13.4 20.0

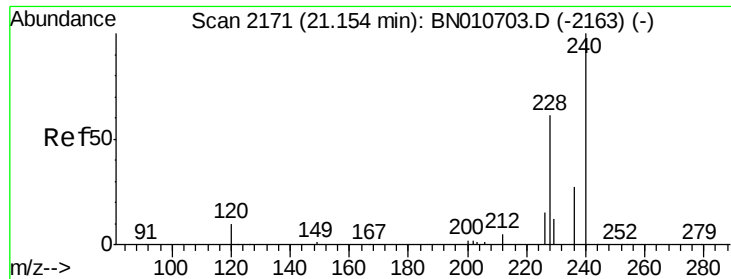


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

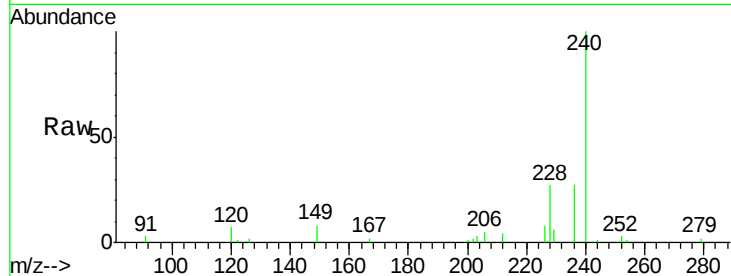
Tgt Ion:240 Resp: 14133

Ion Ratio Lower Upper

240 100

120 6.7 9.5 14.3#

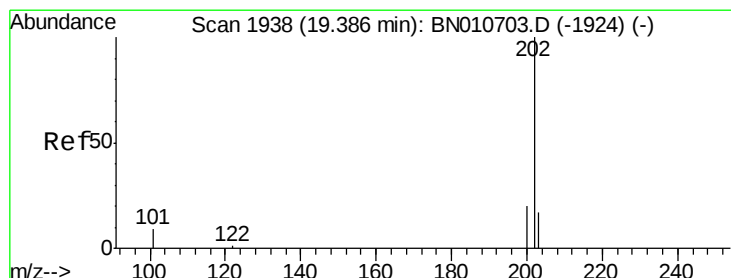
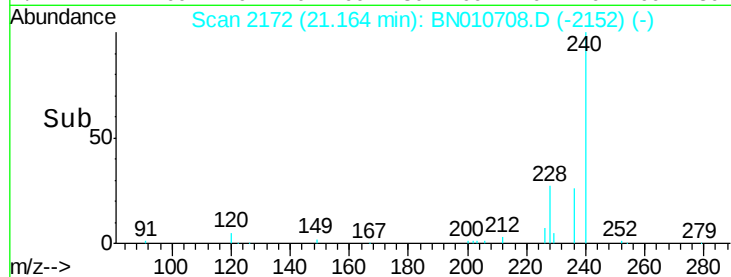
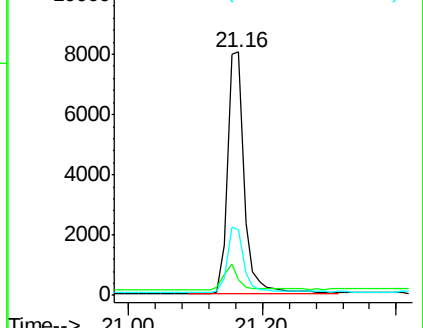
236 26.8 22.5 33.7



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: 0.38 ng

RT: 19.39 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

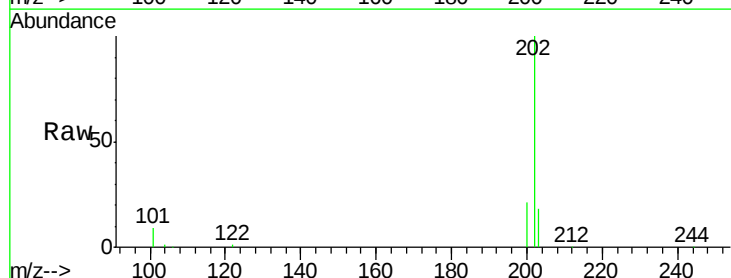
Tgt Ion:202 Resp: 19491

Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.4

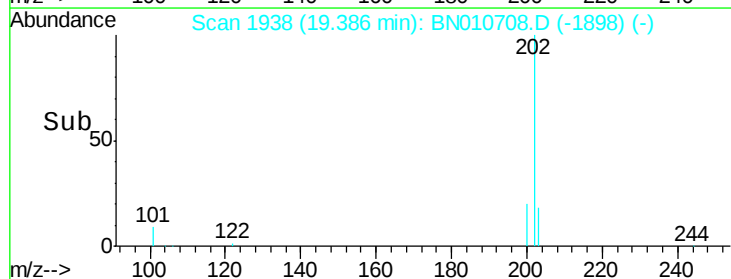
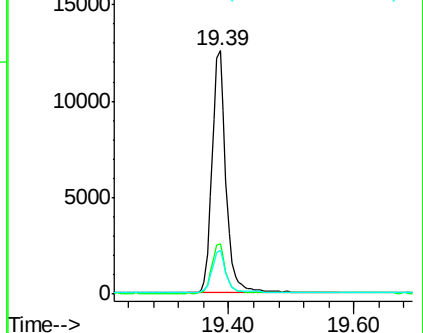
203 17.3 14.1 21.1

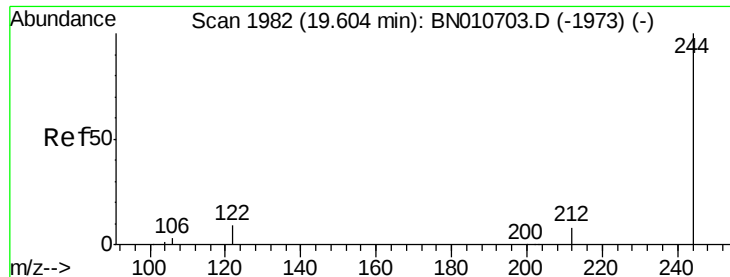


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.39 ng

RT: 19.60 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

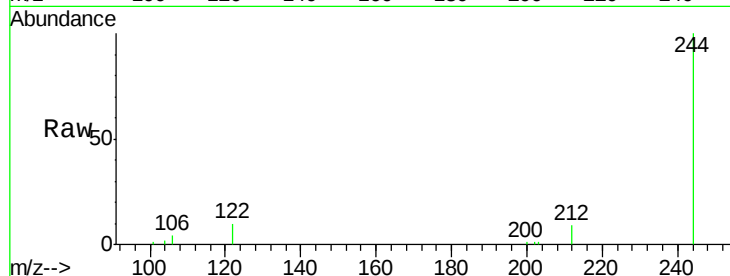
Tgt Ion:244 Resp: 13182

Ion Ratio Lower Upper

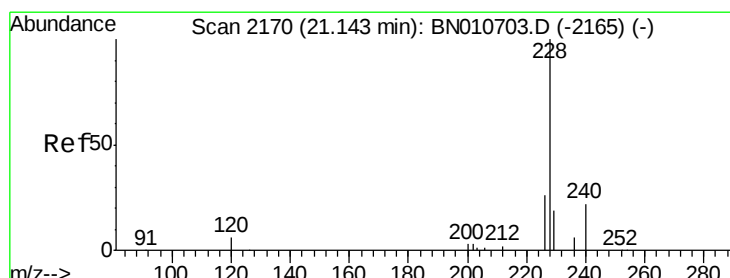
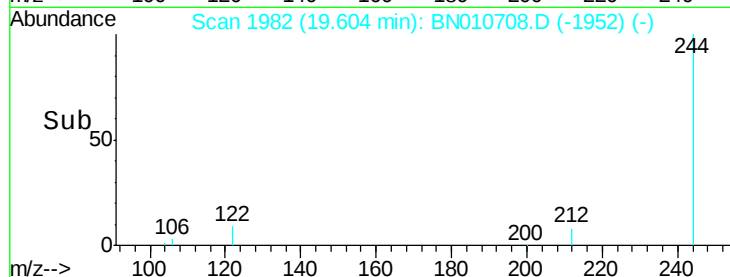
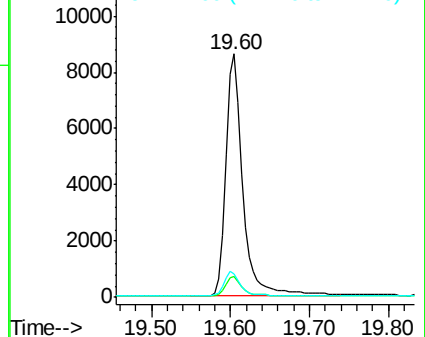
244 100

212 8.5 6.8 10.2

122 9.6 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: 0.40 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

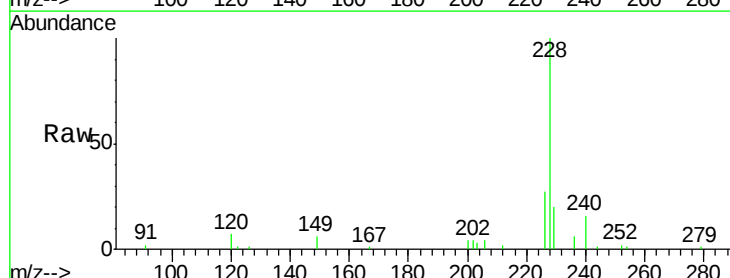
Tgt Ion:228 Resp: 16328

Ion Ratio Lower Upper

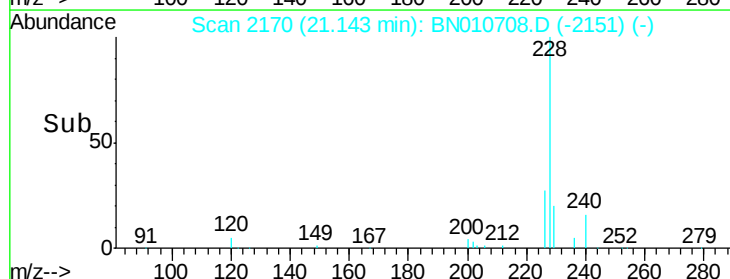
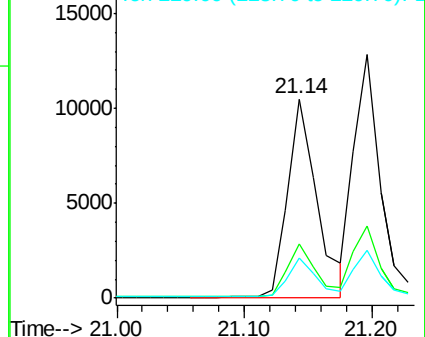
228 100

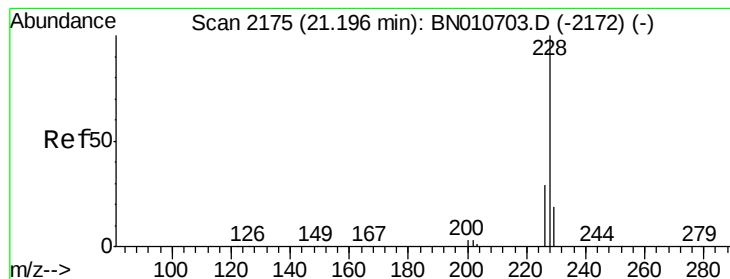
226 27.5 21.3 31.9

229 20.3 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: 0.39 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

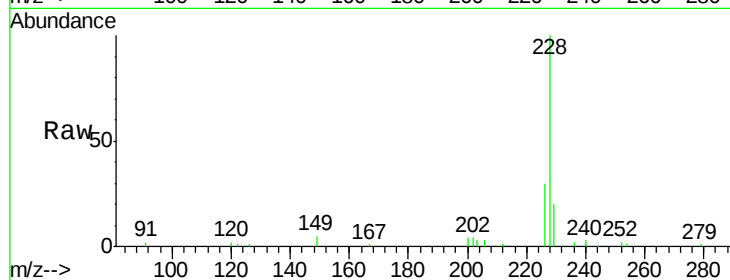
Tgt Ion:228 Resp: 18390

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

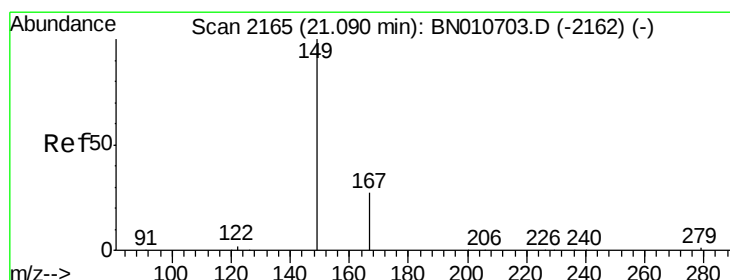
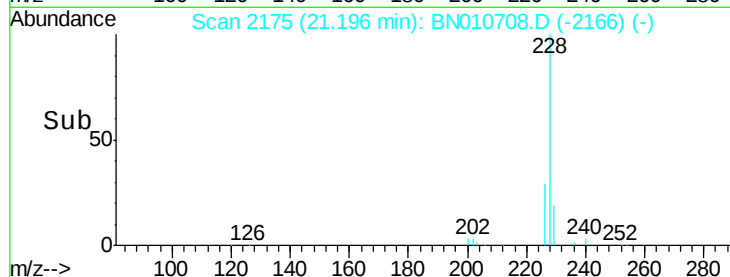
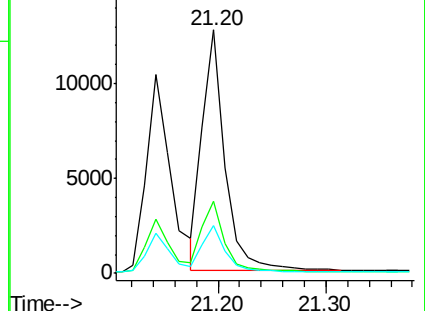
229 19.8 16.1 24.1



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: 0.37 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

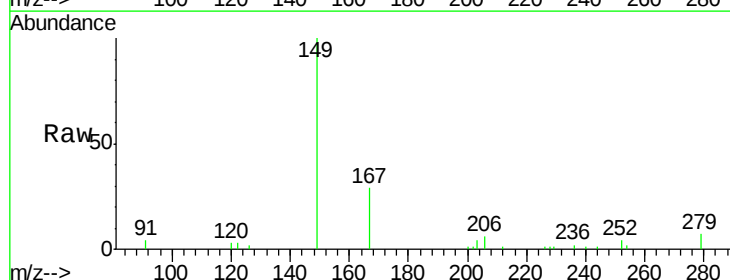
Tgt Ion:149 Resp: 6690

Ion Ratio Lower Upper

149 100

167 28.4 22.5 33.7

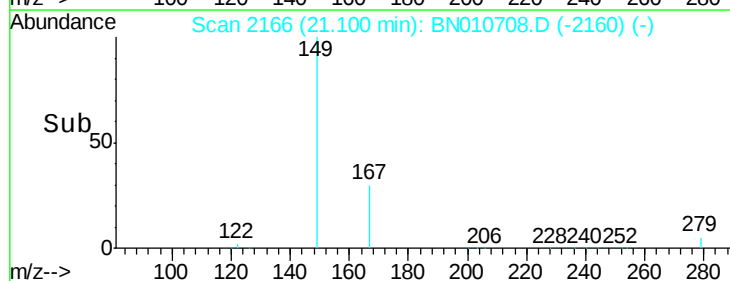
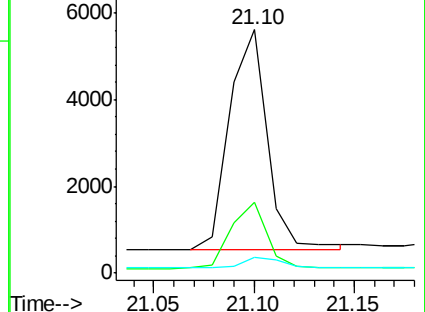
279 5.1 4.1 6.1

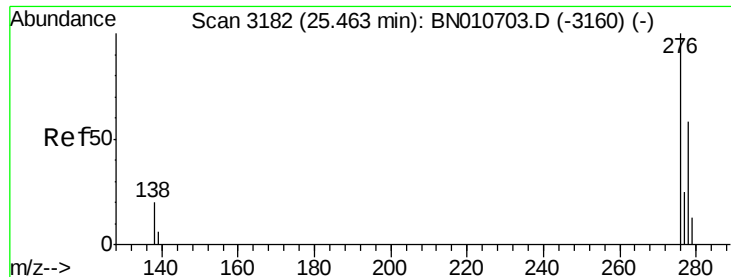


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.45 ng

RT: 25.46 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

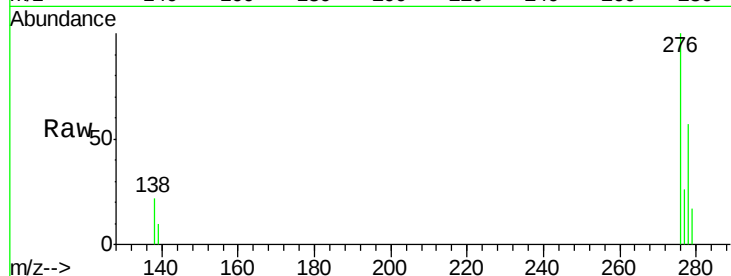
Tgt Ion:276 Resp: 18854

Ion Ratio Lower Upper

276 100

138 19.6 15.1 22.7

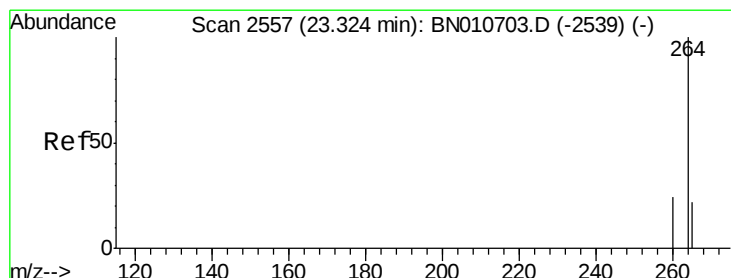
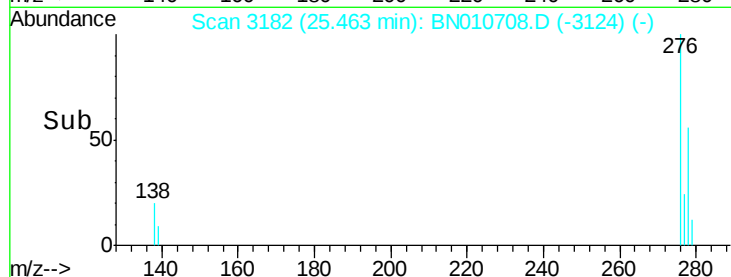
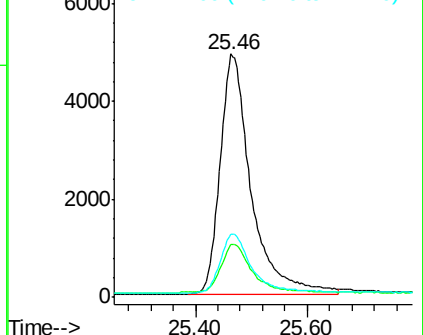
277 25.1 19.4 29.0



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: 23.32 min Scan# 2557

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

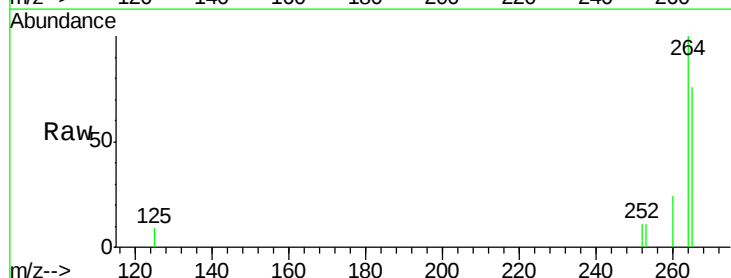
Tgt Ion:264 Resp: 13148

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

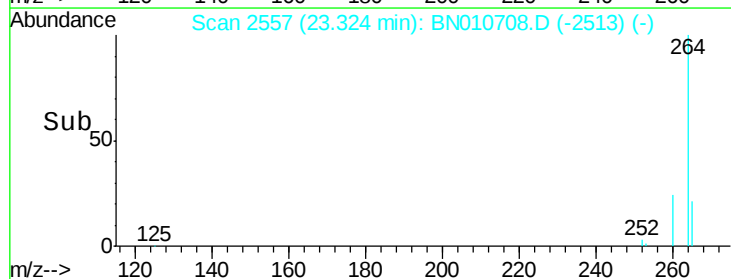
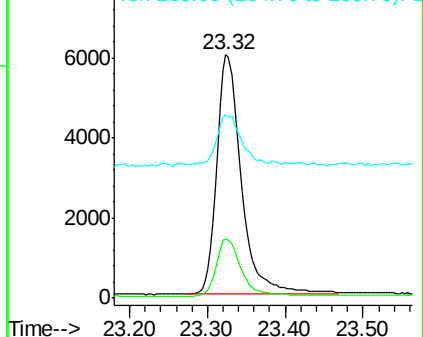
265 75.5 70.1 105.1

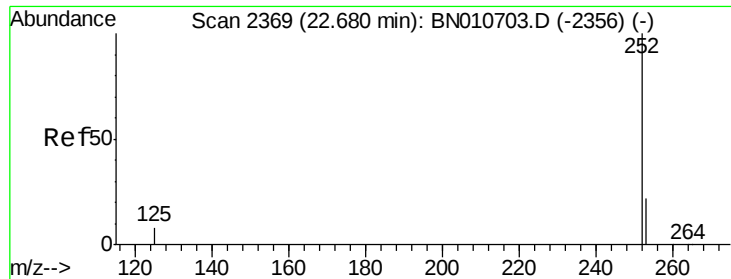


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.39 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

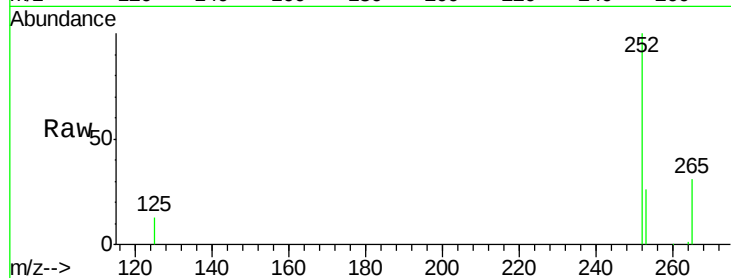
Tgt Ion:252 Resp: 16808

Ion Ratio Lower Upper

252 100

253 26.4 22.0 33.0

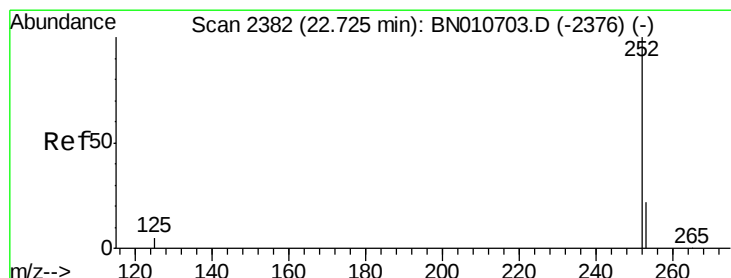
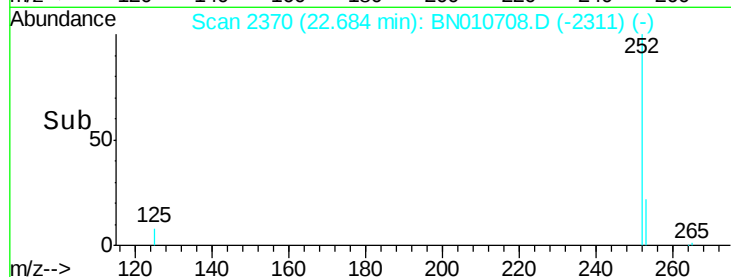
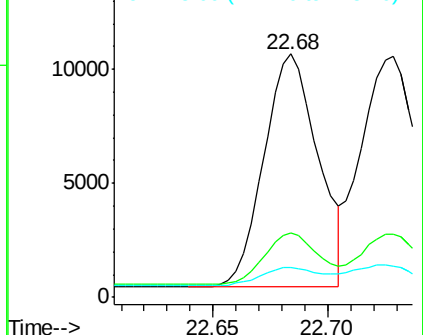
125 12.5 10.8 16.2



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: 0.42 ng

RT: 22.73 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

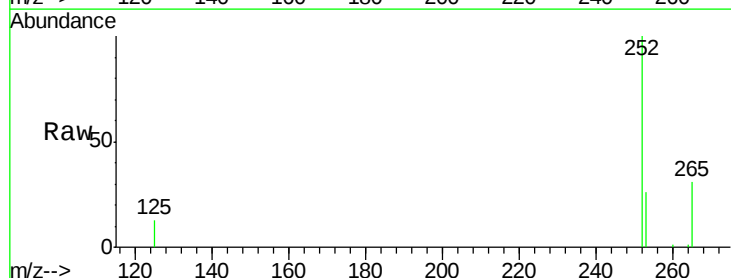
Tgt Ion:252 Resp: 19621

Ion Ratio Lower Upper

252 100

253 26.3 21.9 32.9

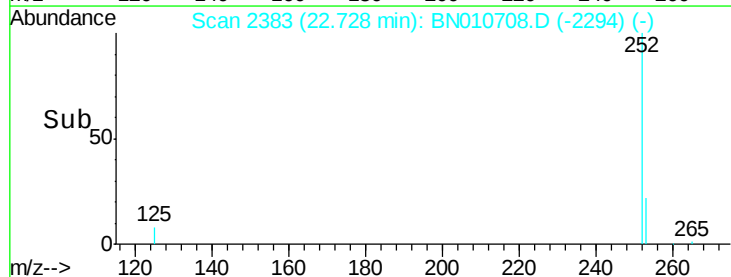
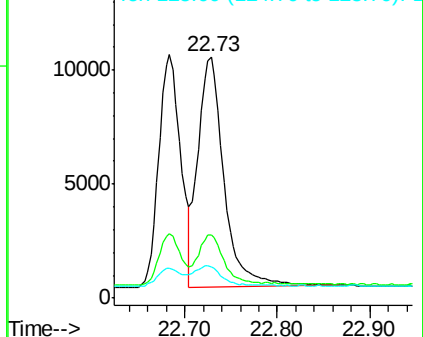
125 13.1 11.1 16.7

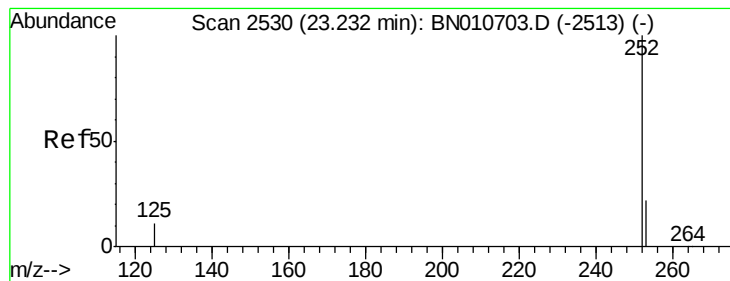


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.39 ng

RT: 23.23 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320

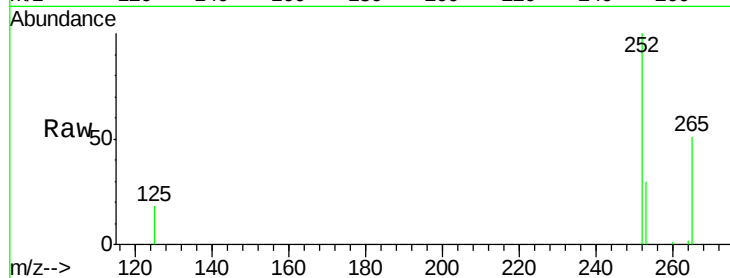
Tgt Ion:252 Resp: 14595

Ion Ratio Lower Upper

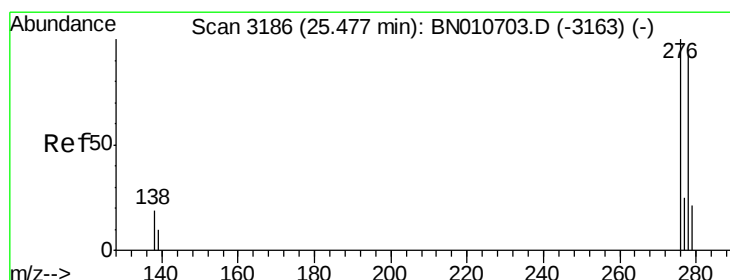
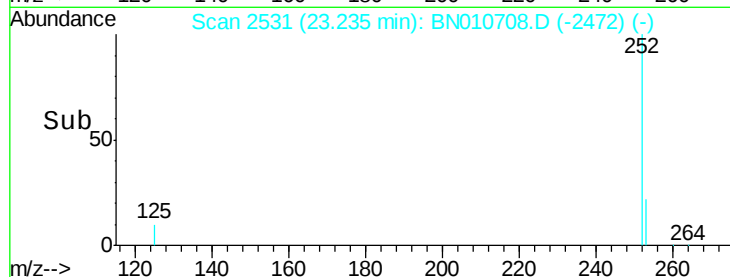
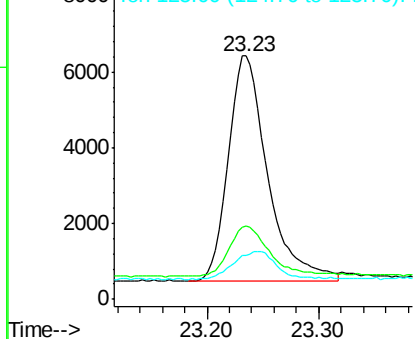
252 100

253 30.2 24.8 37.2

125 17.9 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: 0.48 ng

RT: 25.48 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BN010708.D

Acq: 13 May 2020 15:52

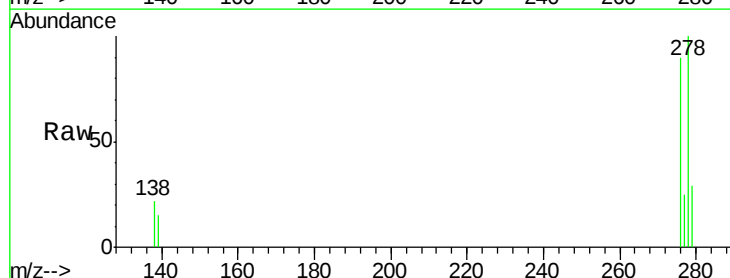
Tgt Ion:278 Resp: 15431

Ion Ratio Lower Upper

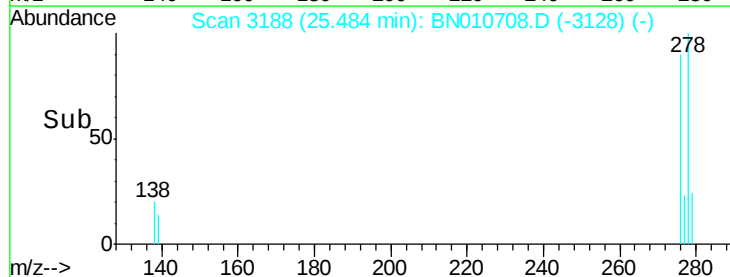
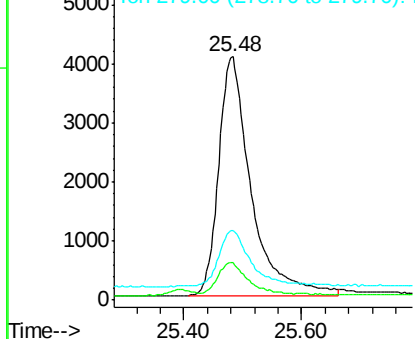
278 100

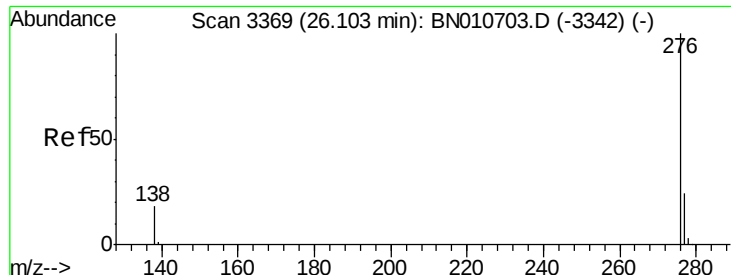
139 15.4 13.0 19.4

279 28.6 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: 0.42 ng

RT: 26.10 min Scan# 3369

Delta R.T. 0.00 min

Lab File: BN010708.D

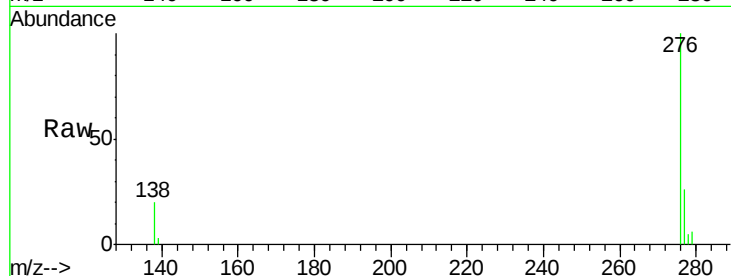
Acq: 13 May 2020 15:52

Instrument :

BNA_N

ClientSampleId :

ICVBN051320



Tgt Ion: 276 Resp: 15746

Ion Ratio Lower Upper

276 100

277 25.8 20.6 30.8

138 19.9 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

