

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
 Data File : BN010211.D
 Acq On : 13 Mar 2020 21:34
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Mar 16 01:59:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 01:51:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3274	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	11203	0.40	ng	0.00
13) Acenaphthene-d10	14.26	164	7448	0.40	ng	0.00
19) Phenanthrene-d10	17.00	188	17502	0.40	ng	0.00
27) Chrysene-d12	21.20	240	18094	0.40	ng	0.00
34) Perylene-d12	23.38	264	19528	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	22719	3.12	ng	0.00
5) Phenol-d6	6.82	99	29016	3.28	ng	0.00
8) Nitrobenzene-d5	8.77	82	22176	2.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.99	152	60313	2.78	ng	0.00
14) 2,4,6-Tribromophenol	15.75	330	8986	3.13	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	85367	3.04	ng	0.00
25) Fluoranthene-d10	19.03	212	172138	2.84	ng	0.00
29) Terphenyl-d14	19.65	244	129991	3.01	ng	0.00

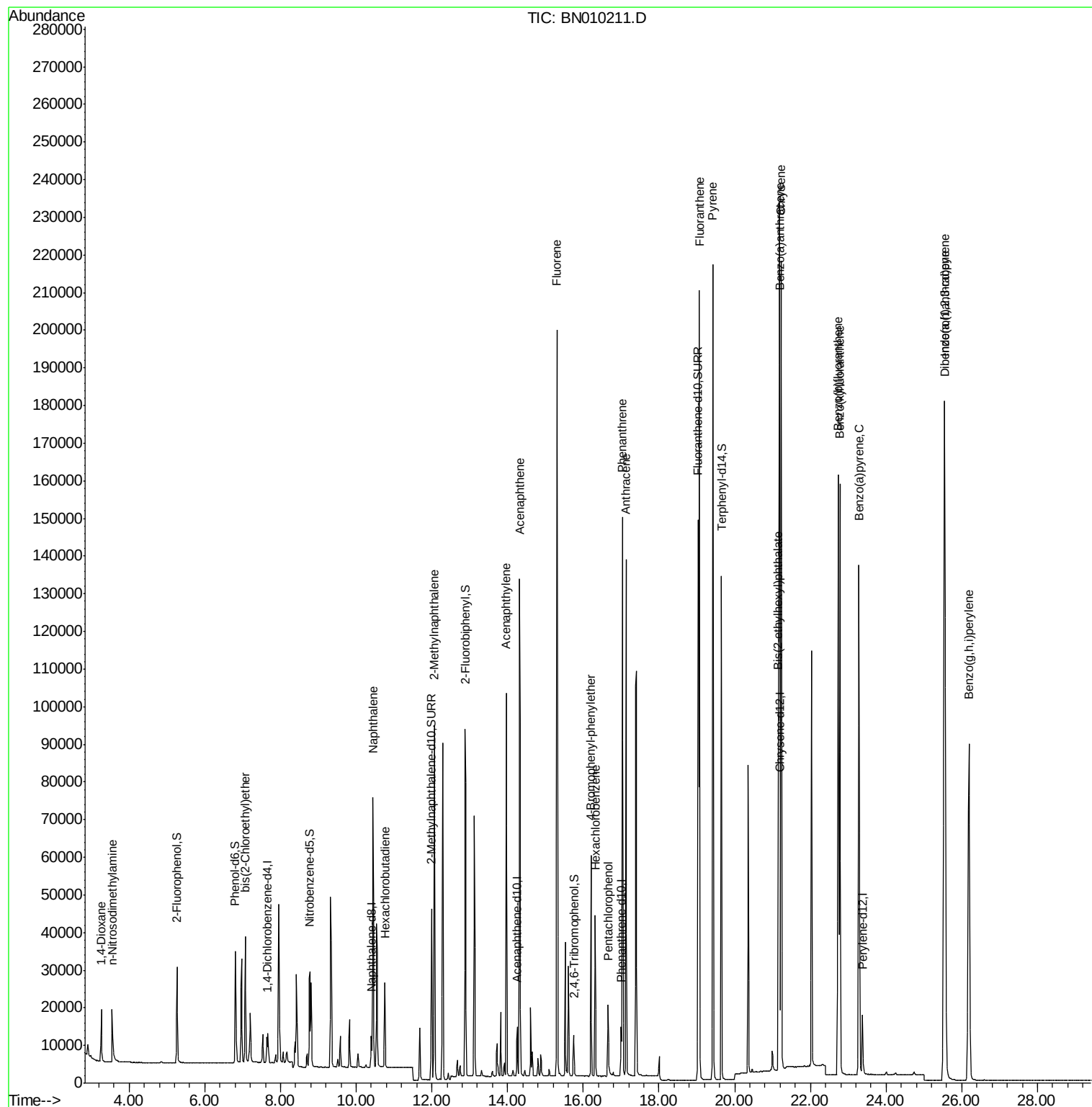
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	10018	2.988	ng	# 53
3) n-Nitrosodimethylamine	3.55	42	9626	1.748	ng	# 27
6) bis(2-Chloroethyl)ether	7.07	93	24877	2.888	ng	96
9) Naphthalene	10.44	128	89758	2.938	ng	95
10) Hexachlorobutadiene	10.76	225	20412	3.037	ng	# 96
12) 2-Methylnaphthalene	12.06	142	65235	3.114	ng	96
16) Acenaphthylene	13.97	152	110885	3.492	ng	100
17) Acenaphthene	14.31	154	67845	3.039	ng	98
18) Fluorene	15.31	166	91516	3.106	ng	100
20) 4-Bromophenyl-phenylether	16.21	248	32560	2.671	ng	95
21) Hexachlorobenzene	16.32	284	32003	2.937	ng	98
22) Pentachlorophenol	16.66	266	10553	3.779	ng	88
23) Phenanthrene	17.04	178	148642	2.854	ng	100
24) Anthracene	17.13	178	149313	3.391	ng	100
26) Fluoranthene	19.06	202	186471	2.990	ng	100
28) Pyrene	19.43	202	191654	2.789	ng	100
30) Benzo(a)anthracene	21.19	228	196064	3.265	ng	99
31) Chrysene	21.23	228	191495	2.757	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	87954	3.002	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.53	276	224846	3.108	ng	98
35) Benzo(b)fluoranthene	22.73	252	194672	2.727	ng	96
36) Benzo(k)fluoranthene	22.78	252	196452	2.527	ng	# 96
37) Benzo(a)pyrene	23.28	252	183396	2.815	ng	# 95
38) Dibenzo(a,h)anthracene	25.56	278	183183	2.856	ng	96
39) Benzo(g,h,i)perylene	26.19	276	182202	2.667	ng	98

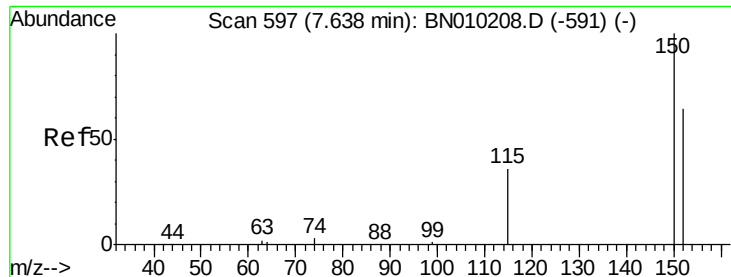
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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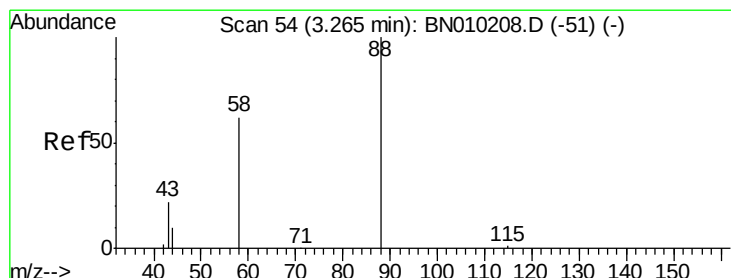
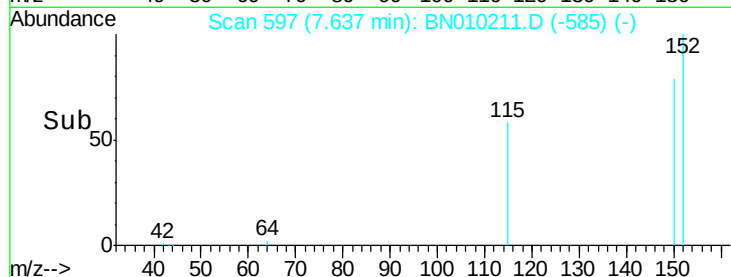
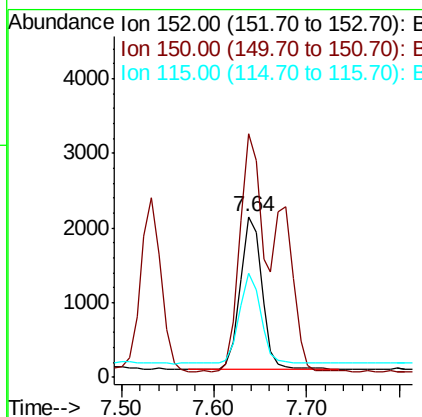
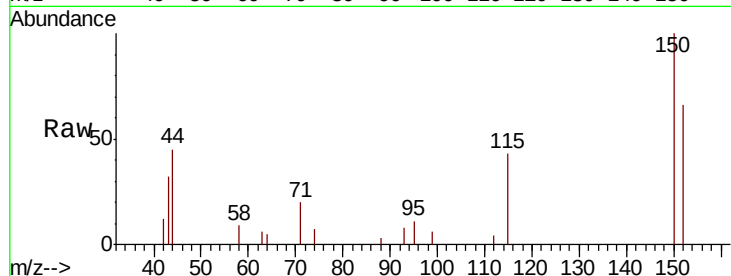


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

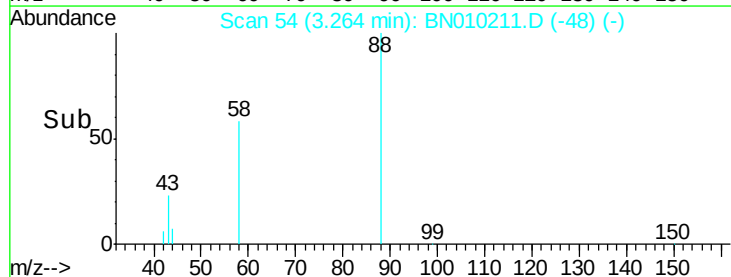
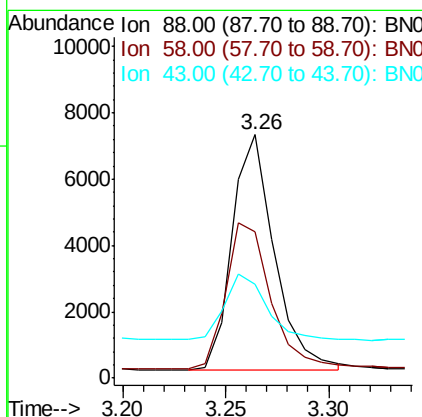
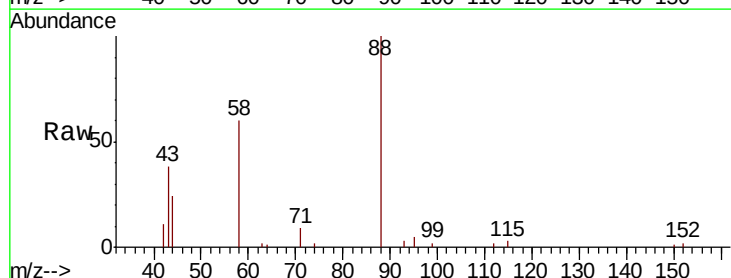
Tot Ion:152 Resp: 3274
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 64.5 50.9 76.3

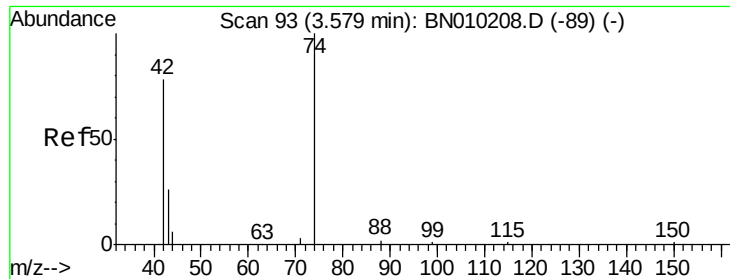


#2

1,4-Dioxane
Concen: 2.988 ng
RT: 3.26 min Scan# 54
Delta R.T. 0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion: 88 Resp: 10018
Ion Ratio Lower Upper
88 100
58 65.2 97.8 146.8#
43 27.3 45.1 67.7#





#3

n-Nitrosodimethylamine

Concen: 1.748 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

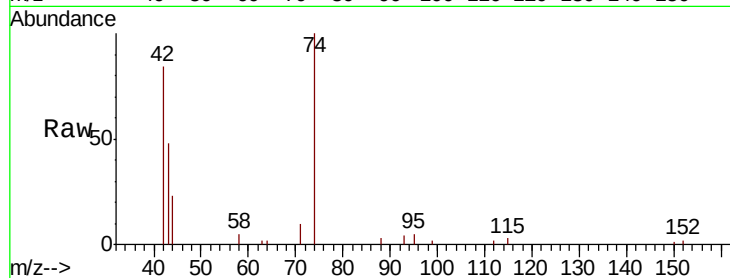
Tot Ion: 42 Resp: 9626

Ion Ratio Lower Upper

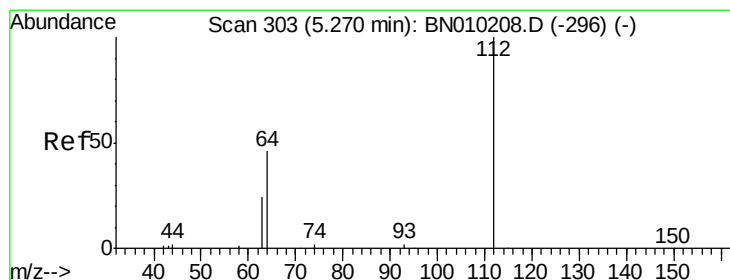
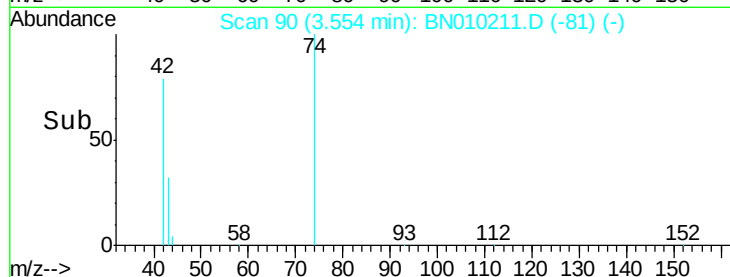
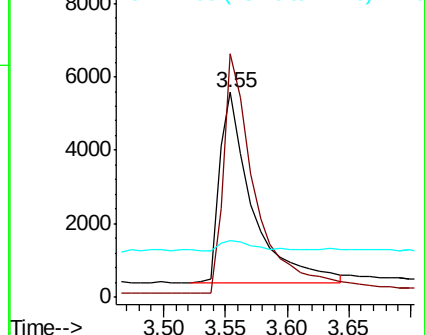
42 100

74 123.8 51.2 76.8#

44 5.8 2.6 4.0#



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: 3.121 ng

RT: 5.27 min Scan# 303

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

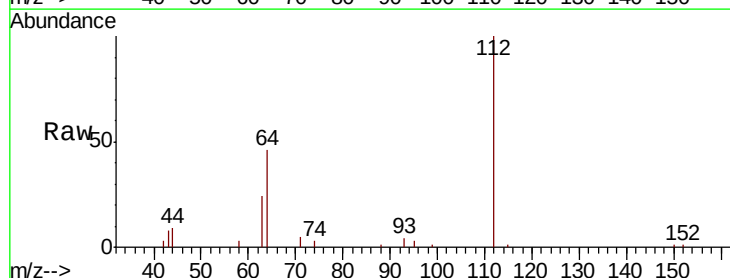
Tgt Ion: 112 Resp: 22719

Ion Ratio Lower Upper

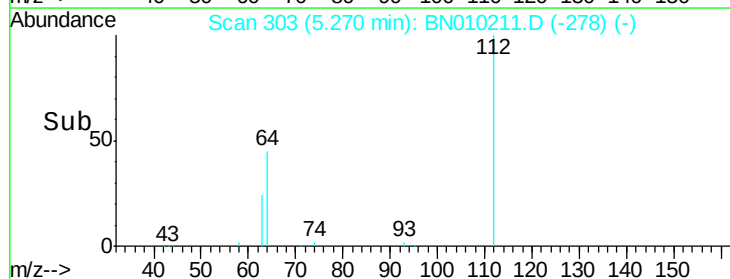
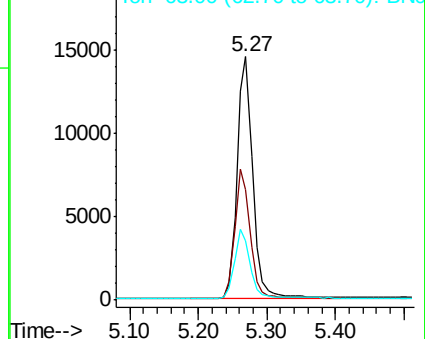
112 100

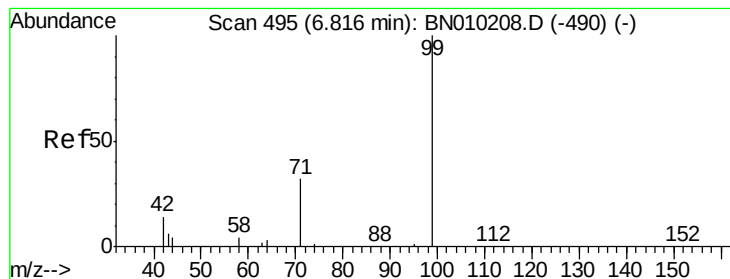
64 53.1 42.6 63.8

63 28.4 23.6 35.4



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: 3.276 ng

RT: 6.82 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

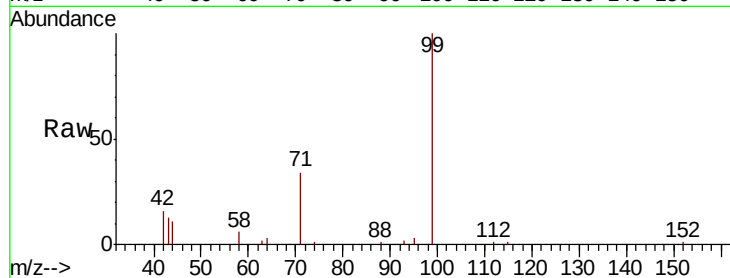
Tot Ion: 99 Resp: 29016

Ion Ratio Lower Upper

99 100

42 19.1 12.0 18.0#

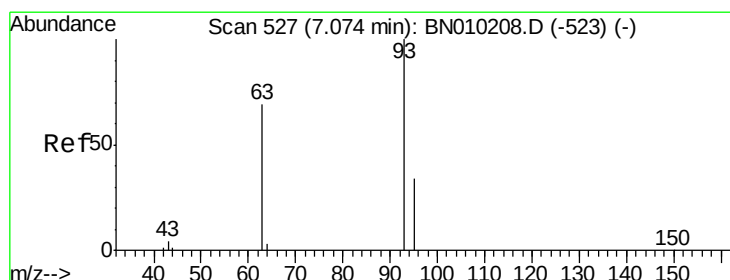
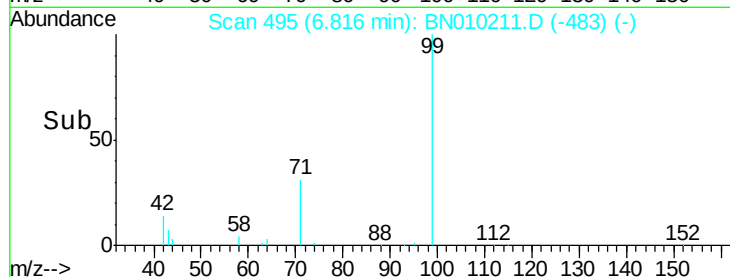
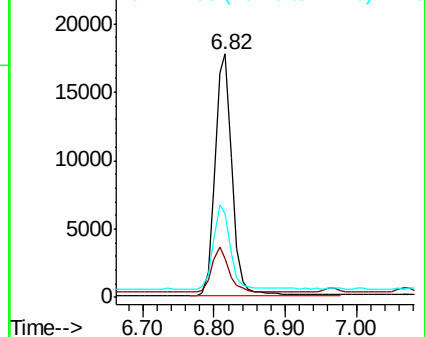
71 34.3 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010211.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN010211.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN010211.D (-483) (-)



#6

bis(2-Chloroethyl)ether

Concen: 2.888 ng

RT: 7.07 min Scan# 527

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

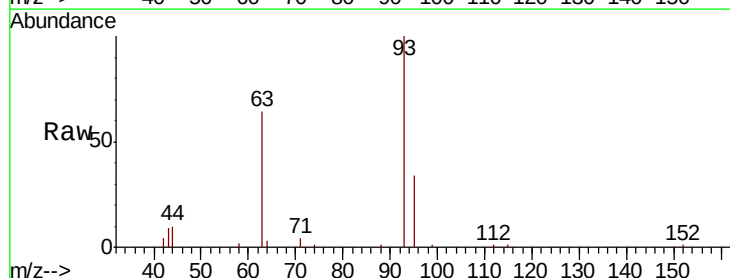
Tgt Ion: 93 Resp: 24877

Ion Ratio Lower Upper

93 100

63 69.9 53.4 80.0

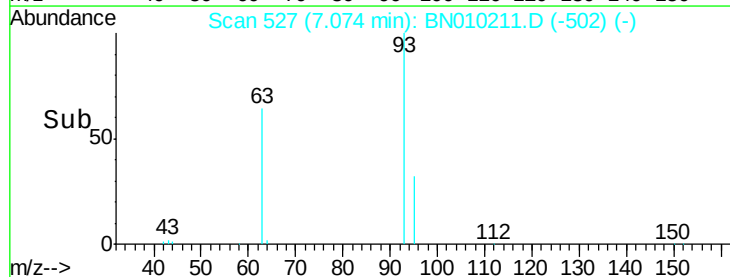
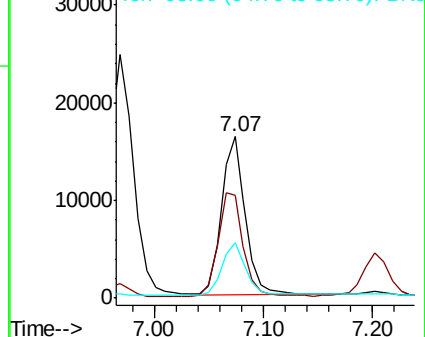
95 33.2 28.6 42.8

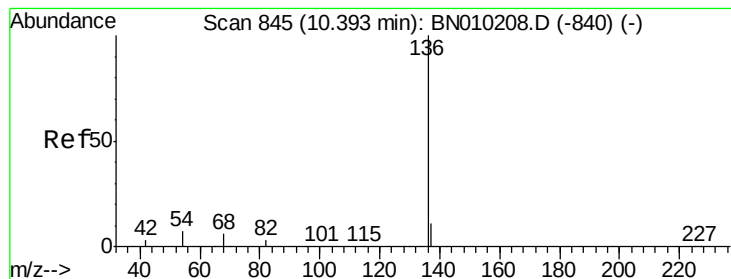


Abundance Ion 93.00 (92.70 to 93.70): BN010211.D (-502) (-)

Ion 63.00 (62.70 to 63.70): BN010211.D (-502) (-)

Ion 95.00 (94.70 to 95.70): BN010211.D (-502) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 11203

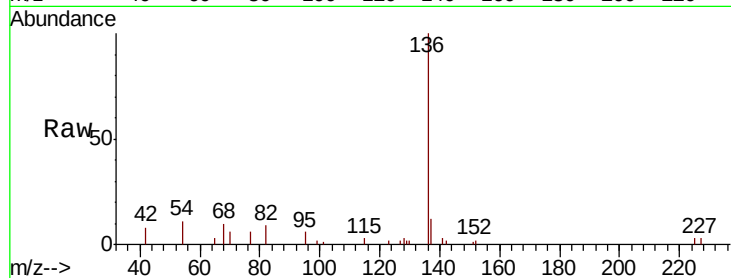
Ion Ratio Lower Upper

136 100

137 12.3 10.6 15.8

54 11.0 9.5 14.3

68 10.4 9.7 14.5

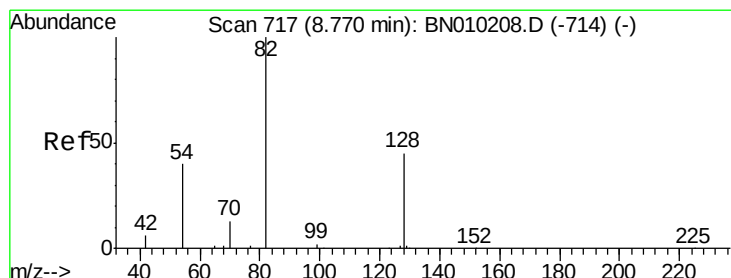
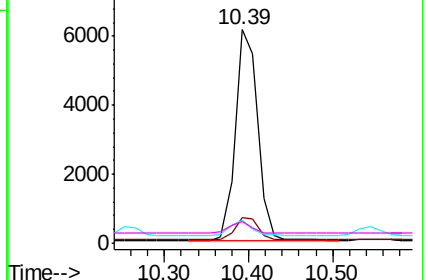
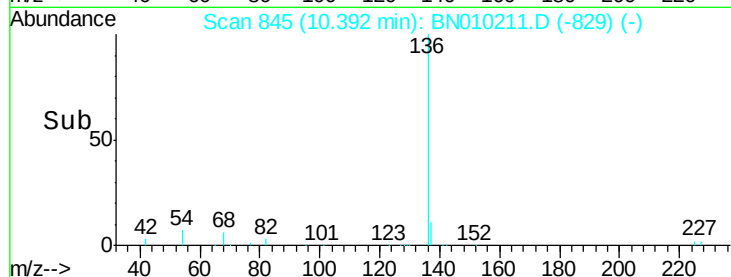


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.379 ng

RT: 8.77 min Scan# 717

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

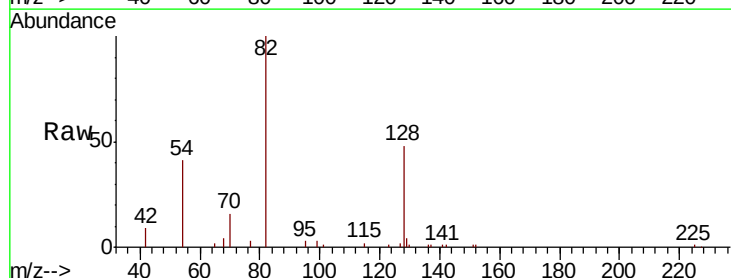
Tgt Ion: 82 Resp: 22176

Ion Ratio Lower Upper

82 100

128 47.6 35.0 52.6

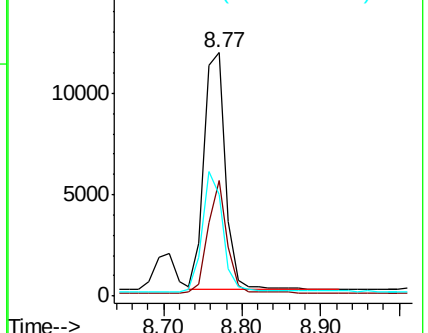
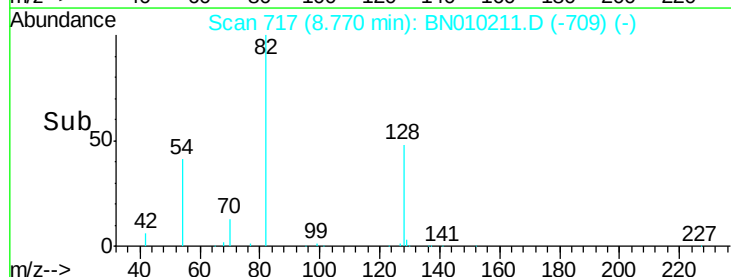
54 41.5 37.0 55.4

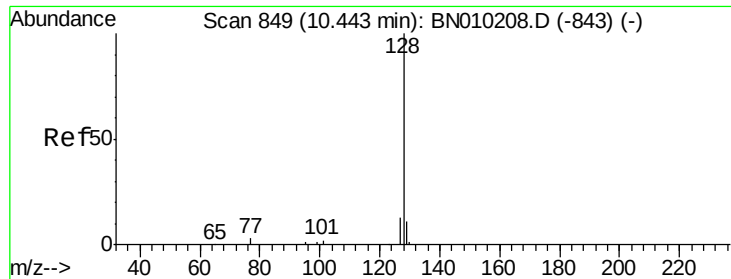


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 2.938 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

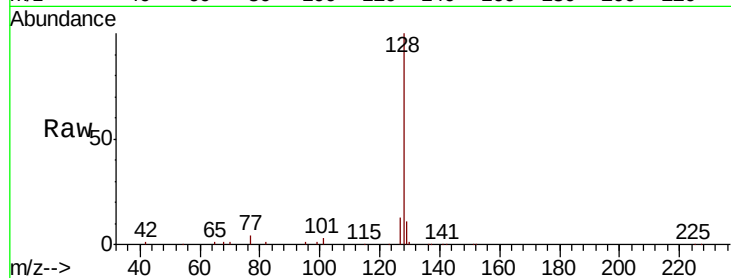
Tot Ion:128 Resp: 89758

Ion Ratio Lower Upper

128 100

129 11.1 10.5 15.7

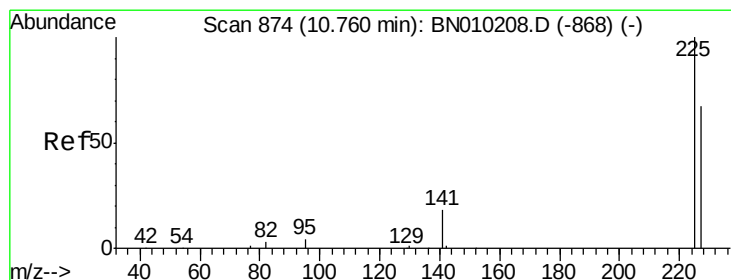
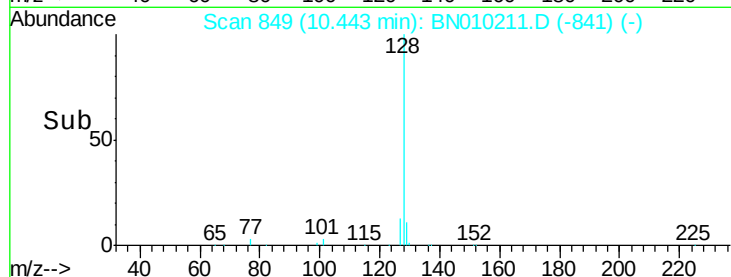
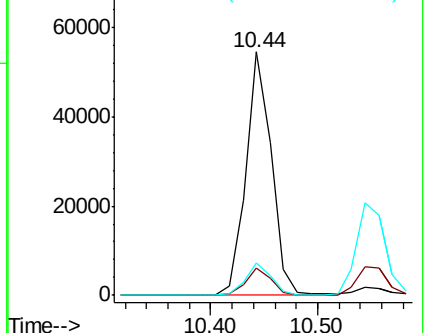
127 13.3 12.1 18.1



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: 3.037 ng

RT: 10.76 min Scan# 874

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

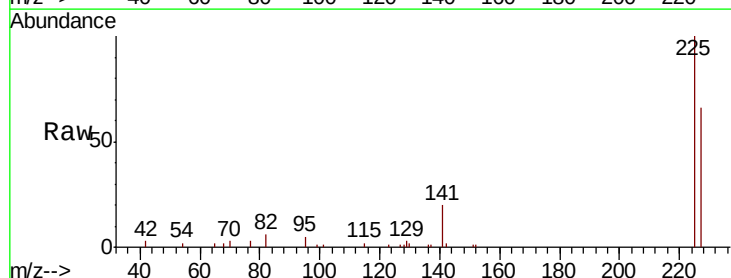
Tgt Ion:225 Resp: 20412

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

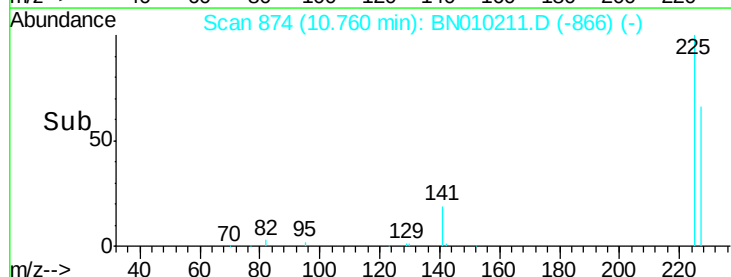
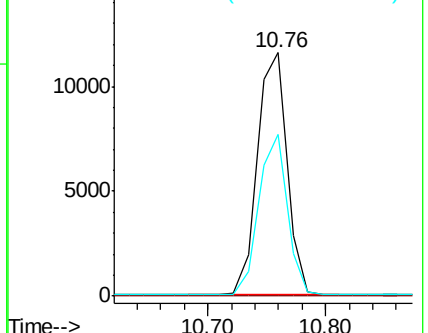
227 63.8 53.4 80.2

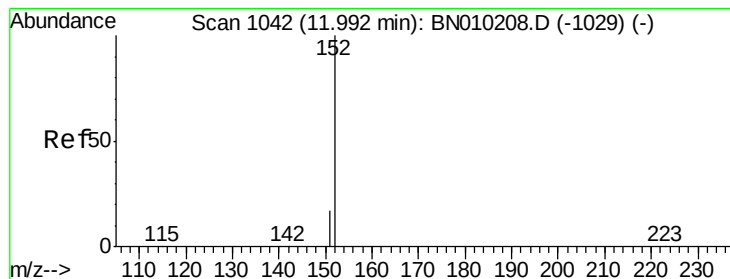


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 2.782 ng

RT: 11.99 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

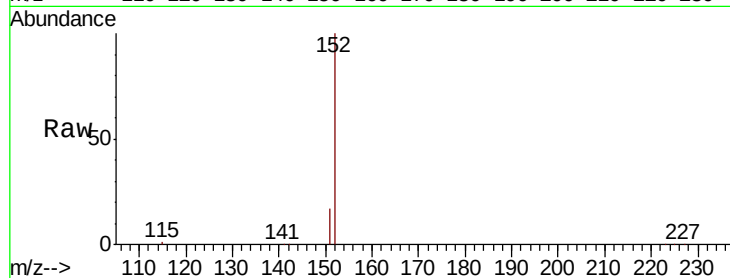
SSTDICC3.2

Tot Ion:152 Resp: 60313

Ion Ratio Lower Upper

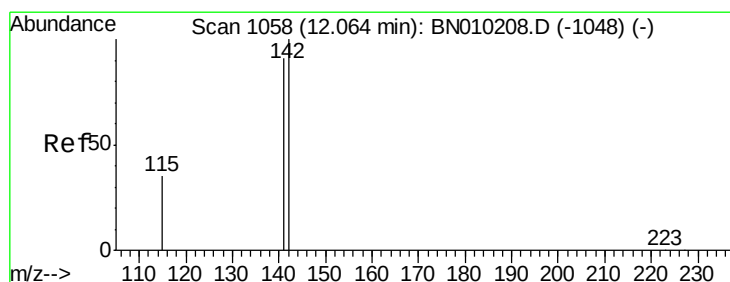
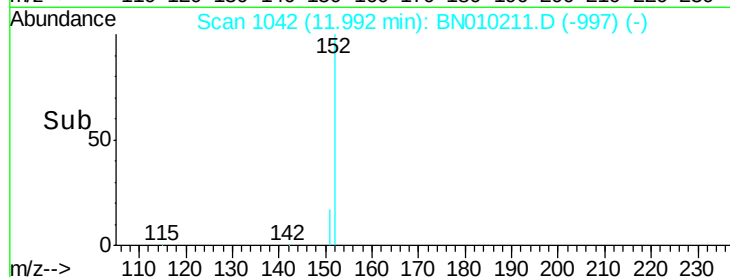
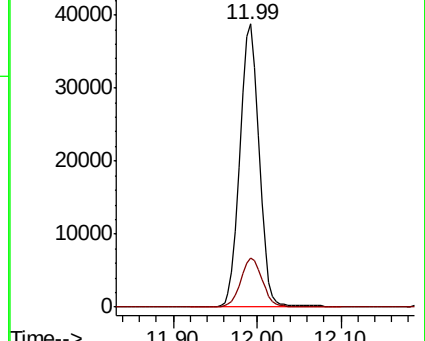
152 100

151 18.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.114 ng

RT: 12.06 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

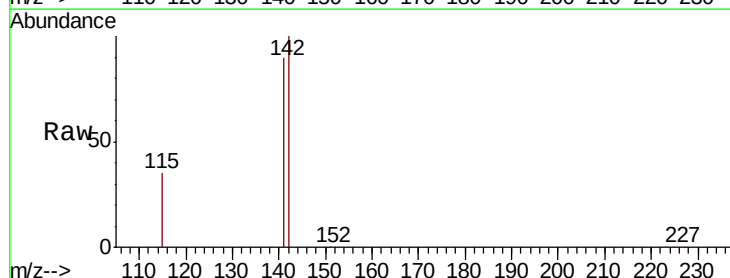
Tgt Ion:142 Resp: 65235

Ion Ratio Lower Upper

142 100

141 89.6 73.7 110.5

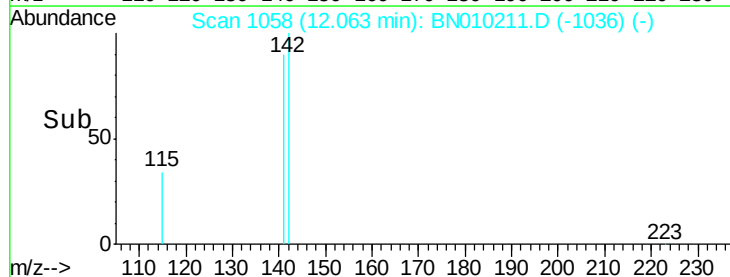
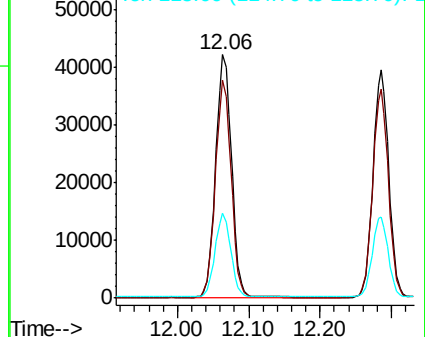
115 34.8 31.2 46.8

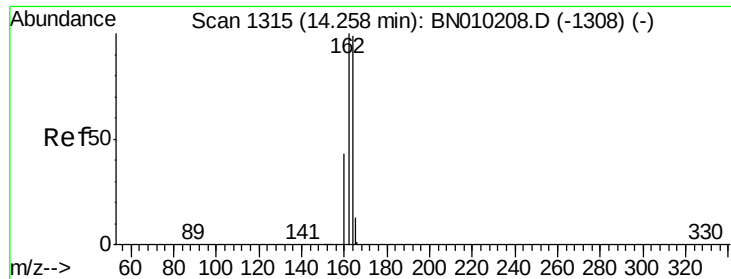


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

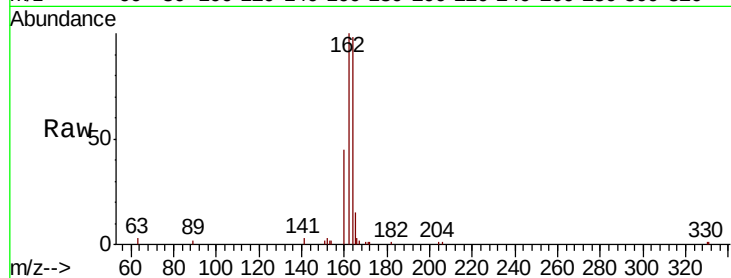
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:164 Resp: 7448

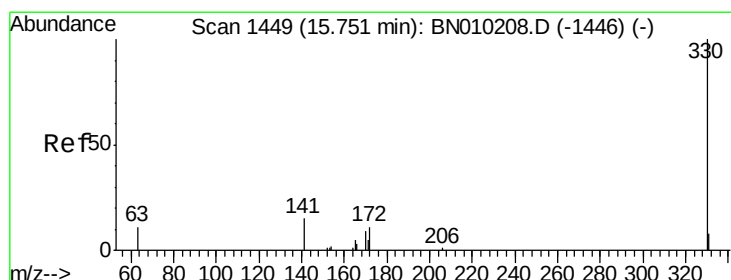
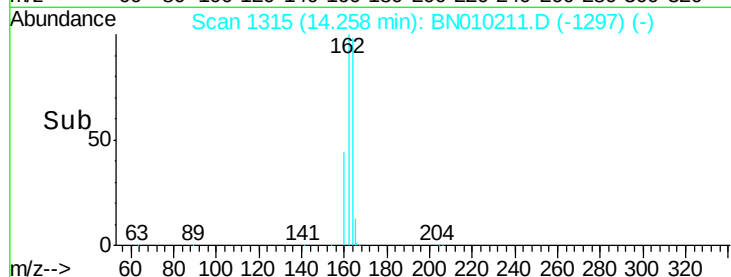
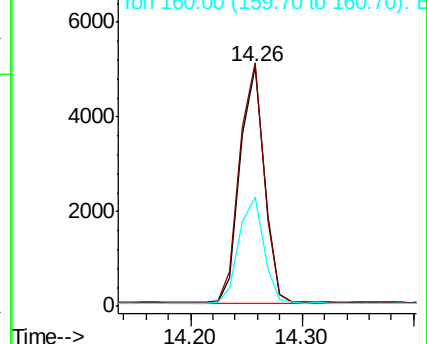
Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.0	121.4
160	45.5	35.6	53.4



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: 3.132 ng

RT: 15.75 min Scan# 1449

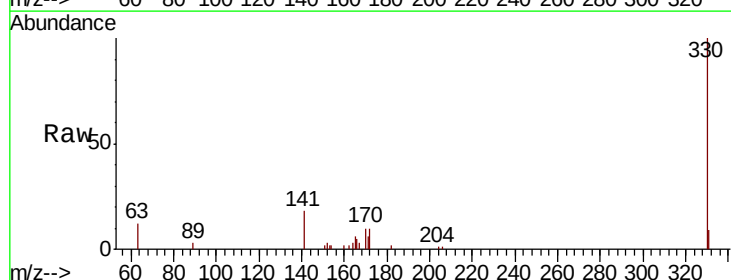
Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Tgt Ion:330 Resp: 8986

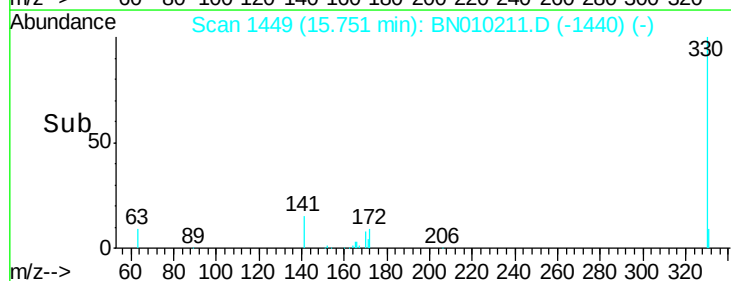
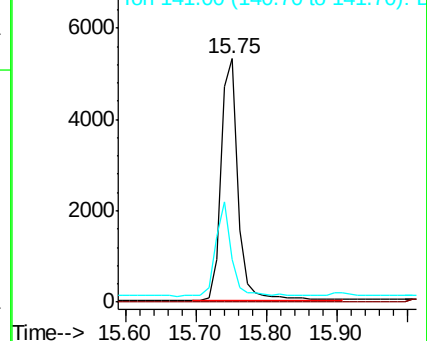
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.0	25.1	37.7

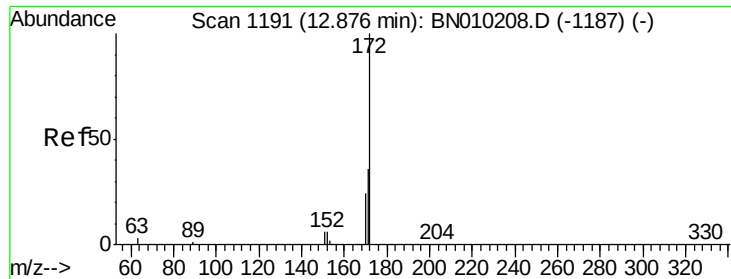


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

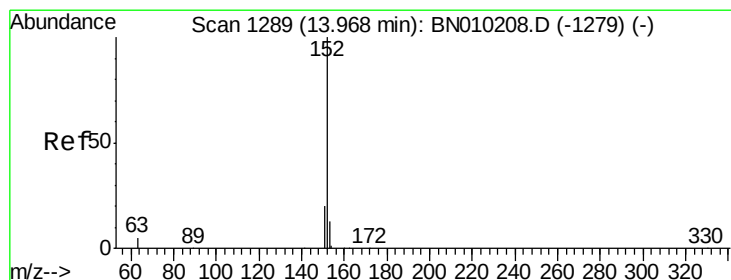
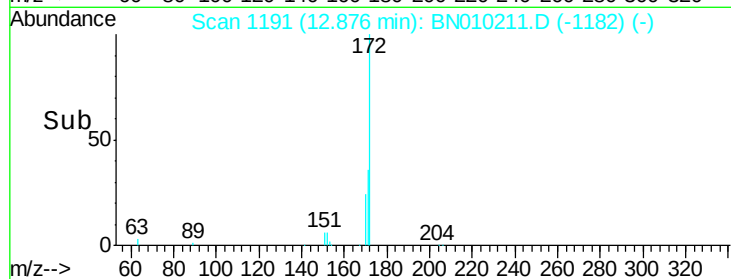
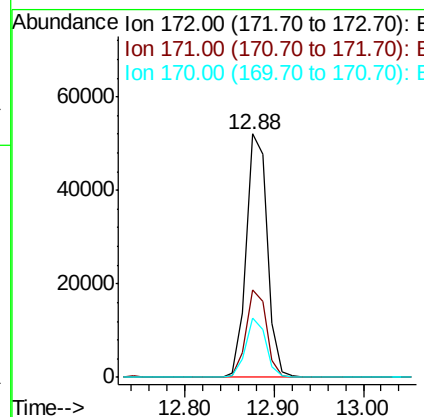
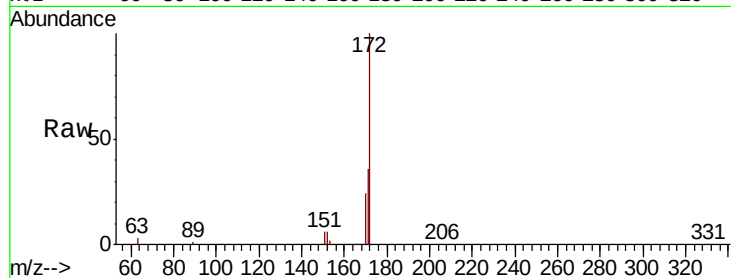




#15
2-Fluorobiphenyl
Concen: 3.037 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

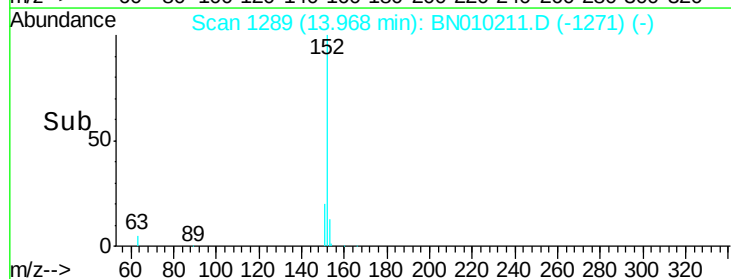
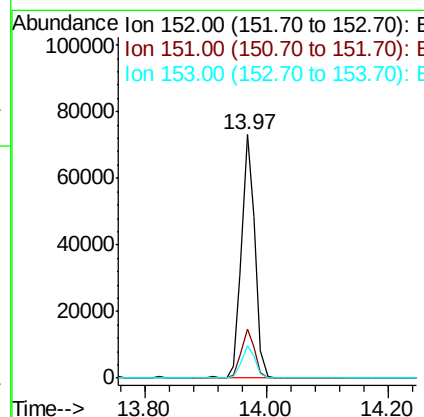
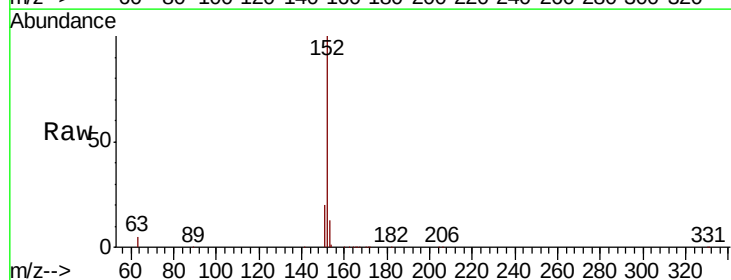
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

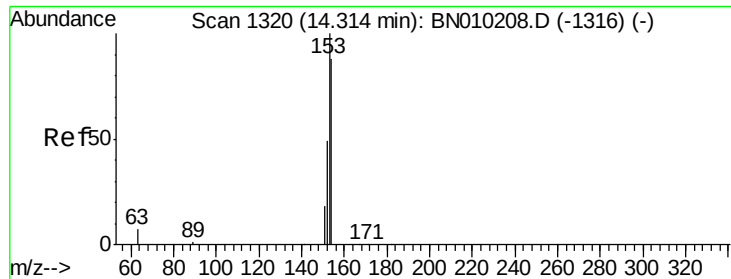
Tot Ion:172 Resp: 85367
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.2
170 24.2 20.2 30.4



#16
Acenaphthylene
Concen: 3.492 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010211.D
Acq: 13 Mar 2020 21:34

Tgt Ion:152 Resp: 110885
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 3.039 ng

RT: 14.31 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

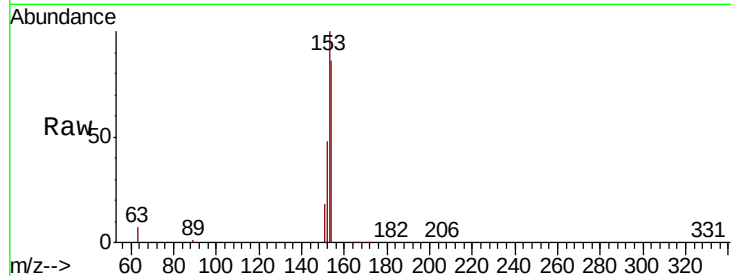
Tot Ion:154 Resp: 67845

Ion Ratio Lower Upper

154 100

153 111.0 90.3 135.5

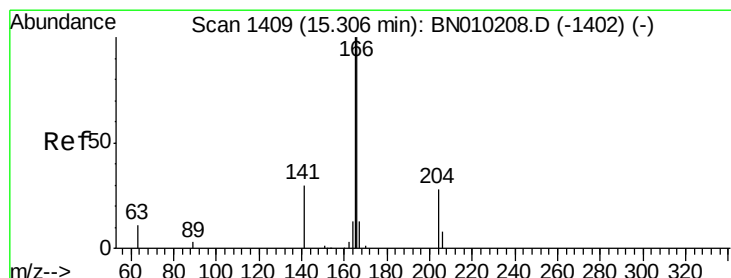
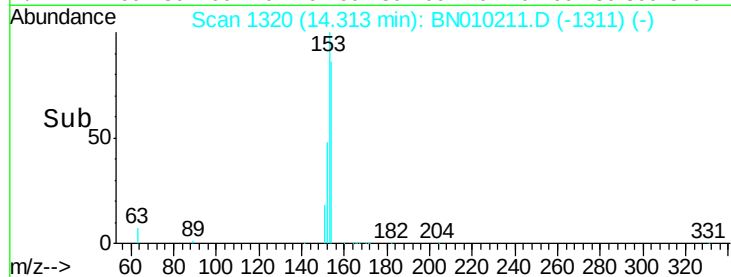
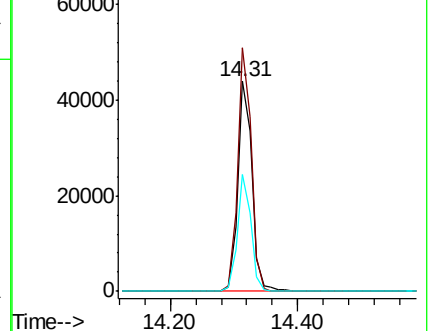
152 52.7 42.9 64.3



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: 3.106 ng

RT: 15.31 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

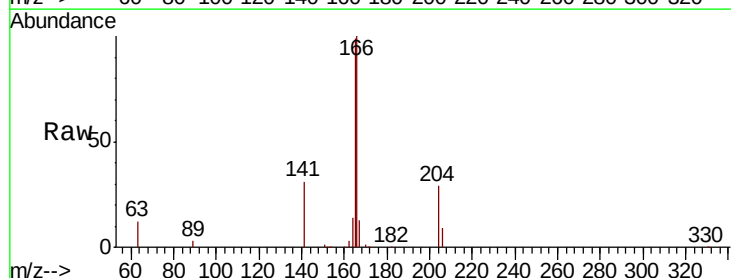
Tgt Ion:166 Resp: 91516

Ion Ratio Lower Upper

166 100

165 97.5 78.3 117.5

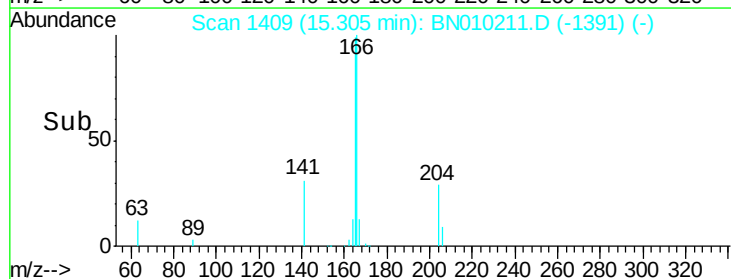
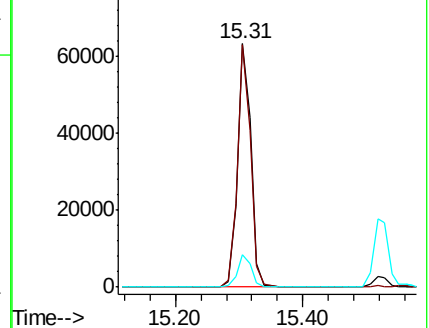
167 13.4 10.7 16.1

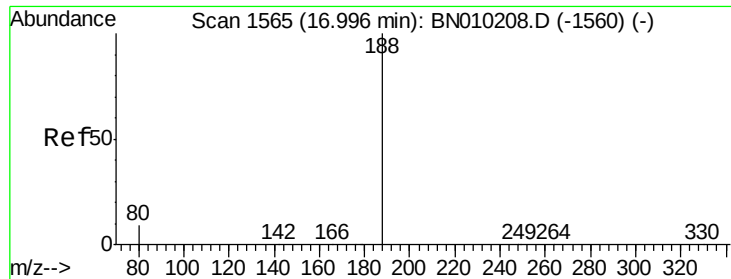


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

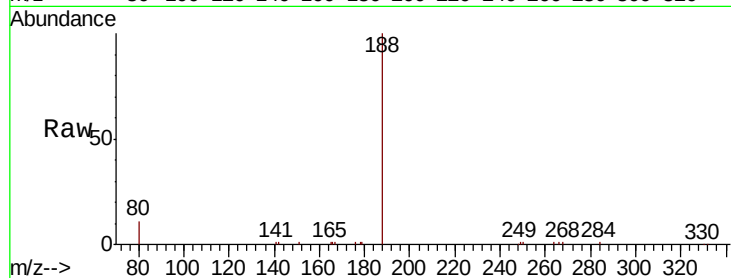
Tot Ion:188 Resp: 17502

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

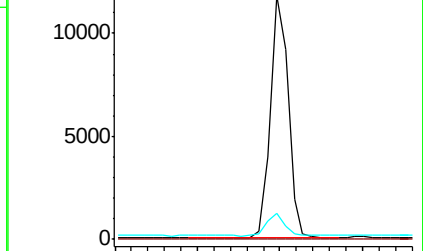
80 10.6 8.6 12.8



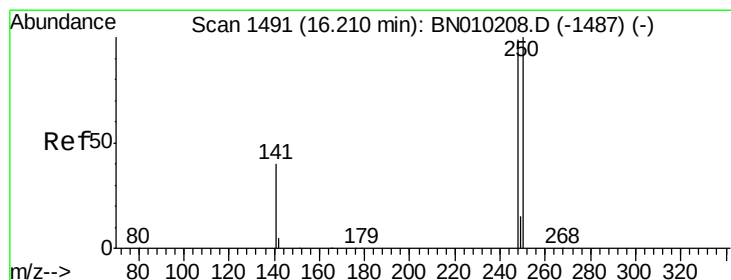
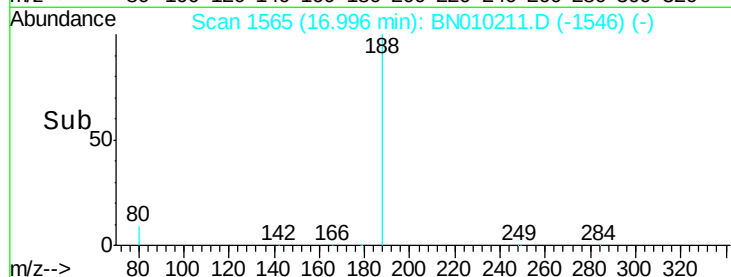
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time--> 16.80 16.90 17.00 17.10



#20

4-Bromophenyl-phenylether

Concen: 2.671 ng

RT: 16.21 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

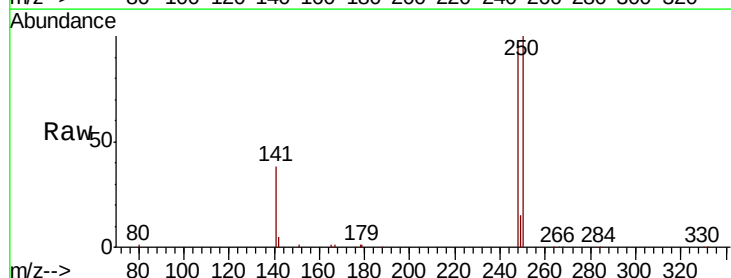
Tgt Ion:248 Resp: 32560

Ion Ratio Lower Upper

248 100

250 103.9 81.2 121.8

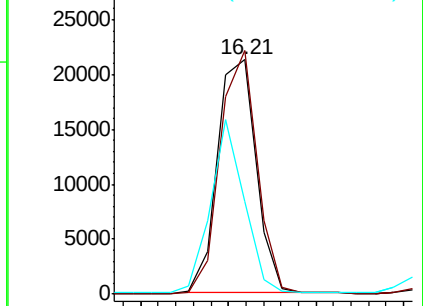
141 39.4 36.7 55.1



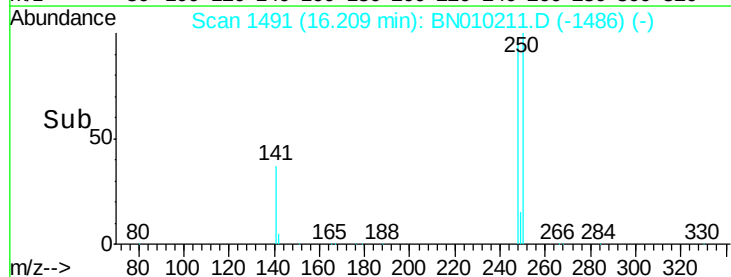
Abundance Ion 248.00 (247.70 to 248.70): E

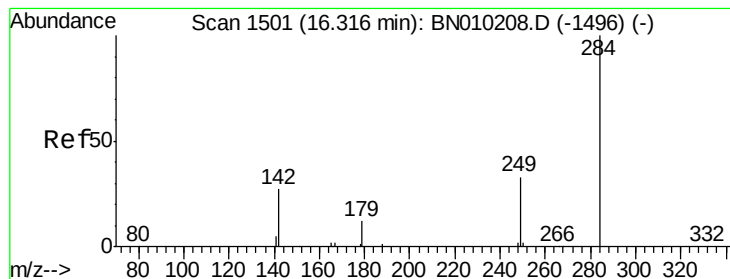
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time--> 16.15 16.20 16.25





#21

Hexachlorobenzene

Concen: 2.937 ng

RT: 16.32 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

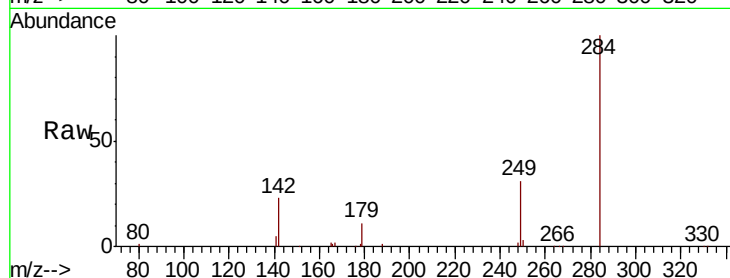
Tot Ion:284 Resp: 32003

Ion Ratio Lower Upper

284 100

142 33.0 27.8 41.6

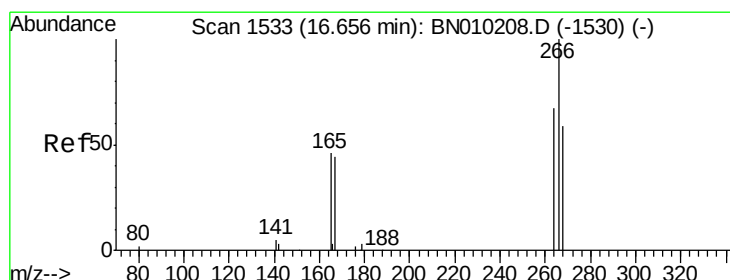
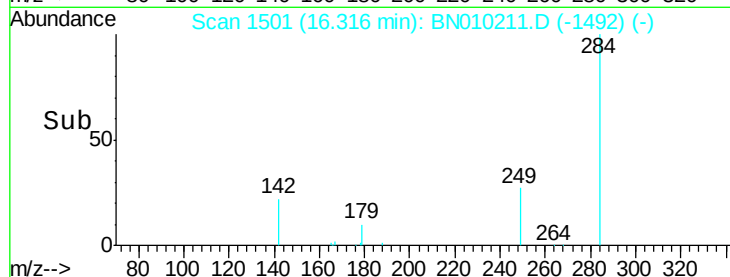
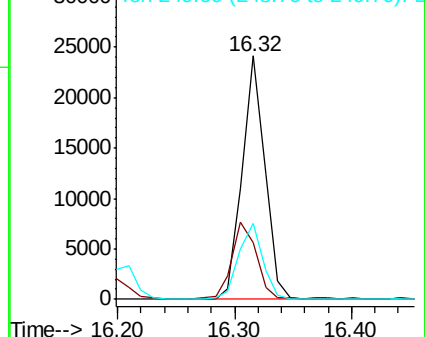
249 32.1 26.6 39.8



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: 3.779 ng

RT: 16.66 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

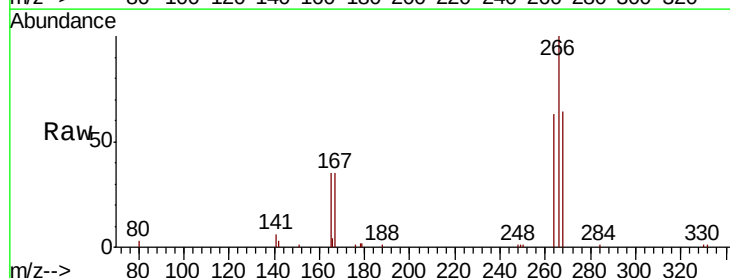
Tgt Ion:266 Resp: 10553

Ion Ratio Lower Upper

266 100

264 62.8 56.2 84.2

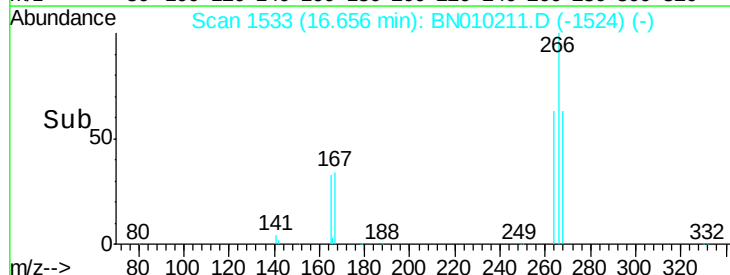
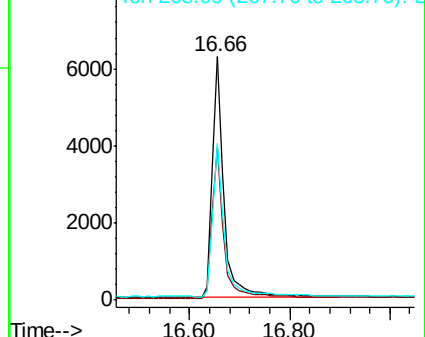
268 64.2 61.4 92.2

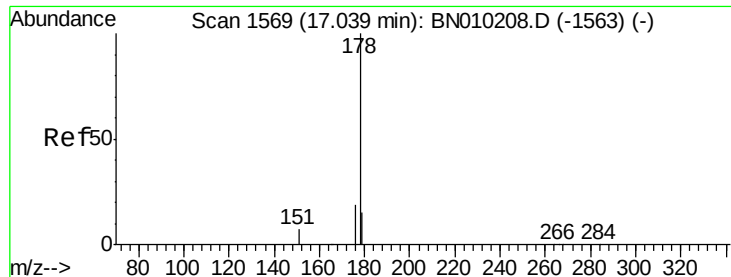


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.854 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

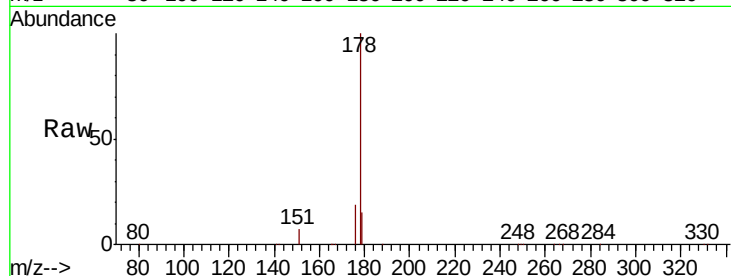
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:178 Resp: 148642

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.3	12.5	18.7

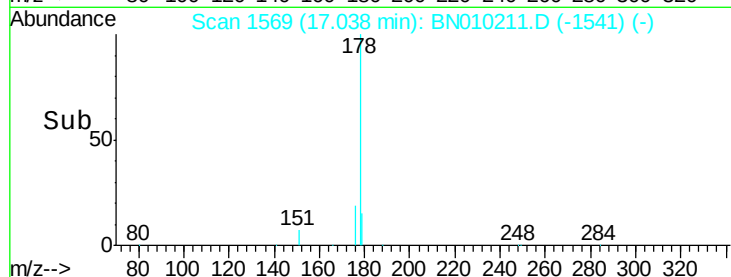
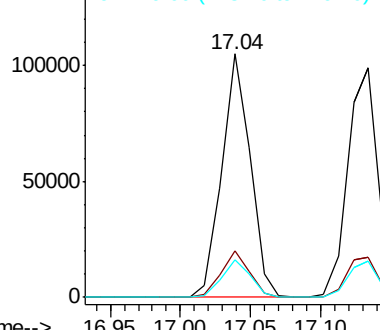


Abundance

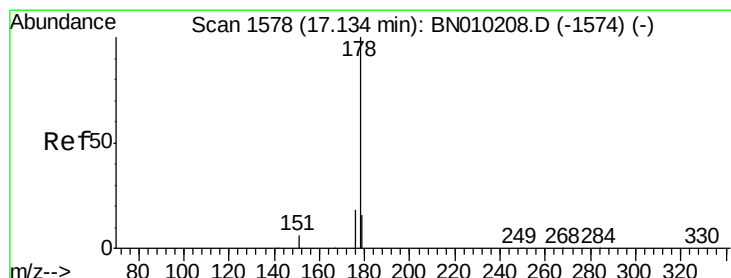
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 3.391 ng

RT: 17.13 min Scan# 1578

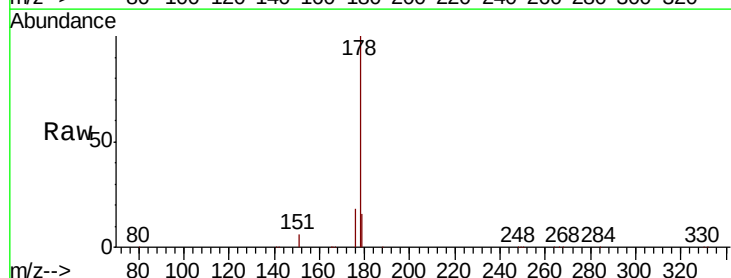
Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Tgt Ion:178 Resp: 149313

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.3	12.5	18.7

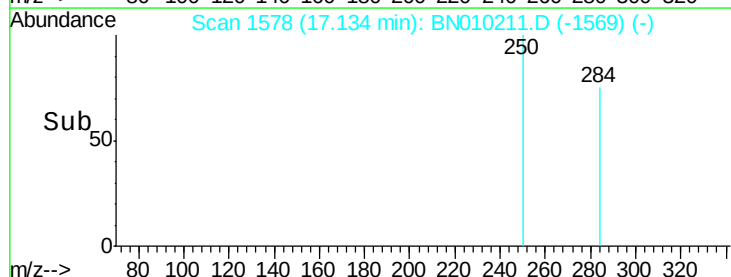
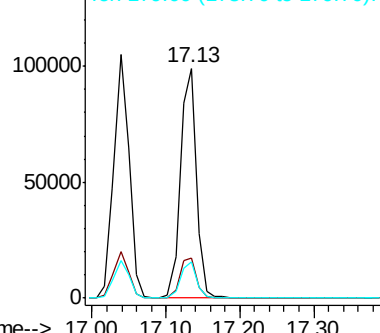


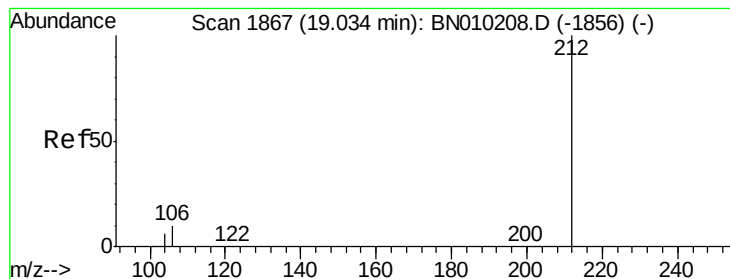
Abundance

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: 2.843 ng

RT: 19.03 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

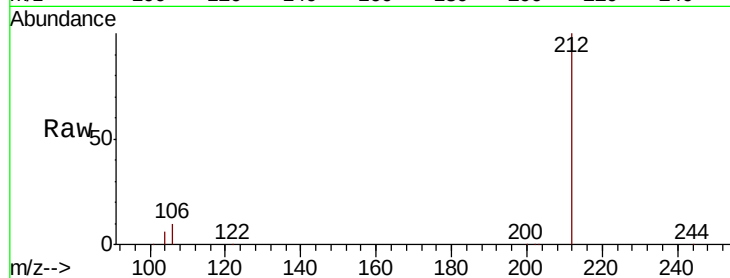
Tot Ion:212 Resp: 172138

Ion Ratio Lower Upper

212 100

106 10.1 8.1 12.1

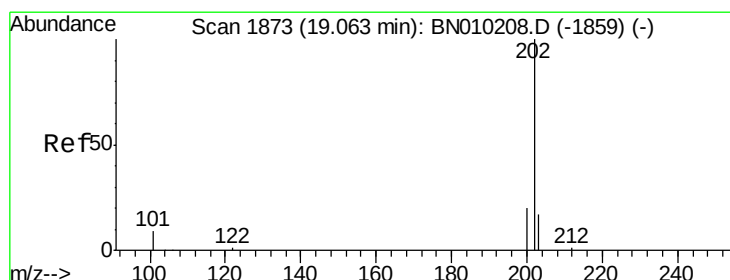
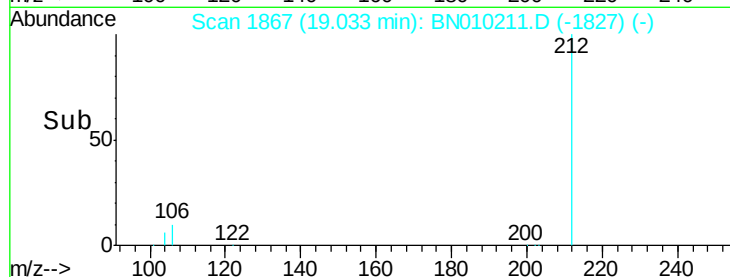
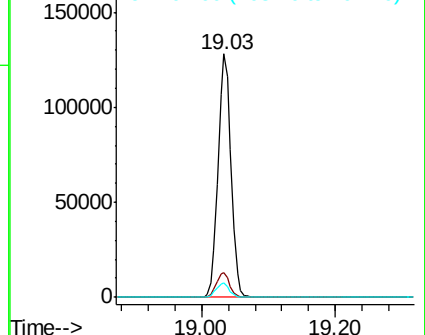
104 5.7 4.7 7.1



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: 2.990 ng

RT: 19.06 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

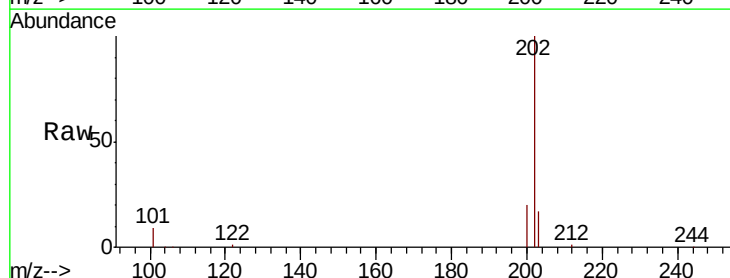
Tgt Ion:202 Resp: 186471

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.6

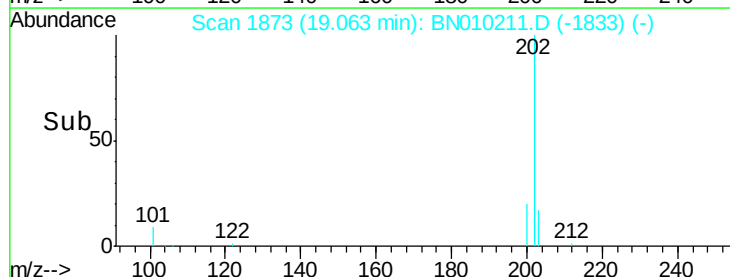
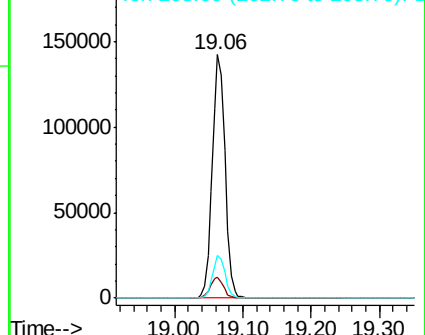
203 17.3 13.9 20.9

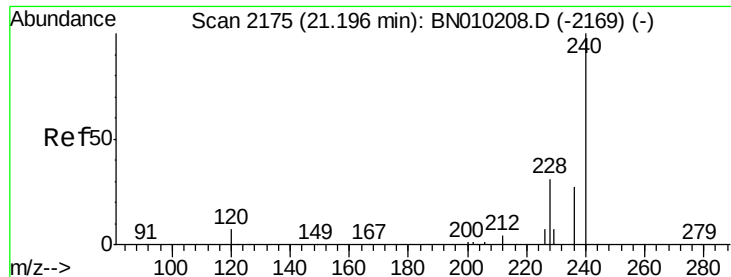


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

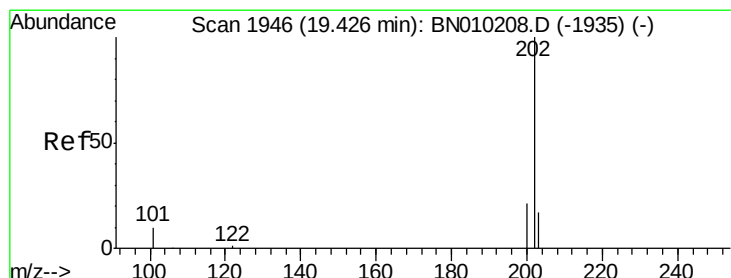
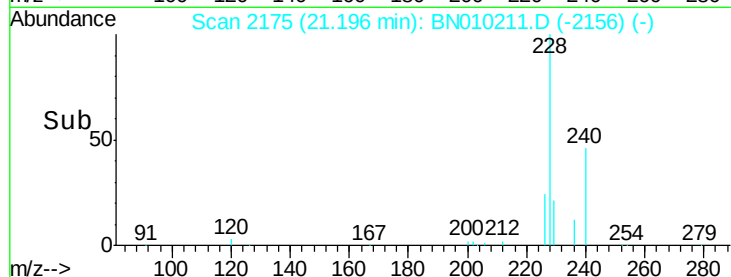
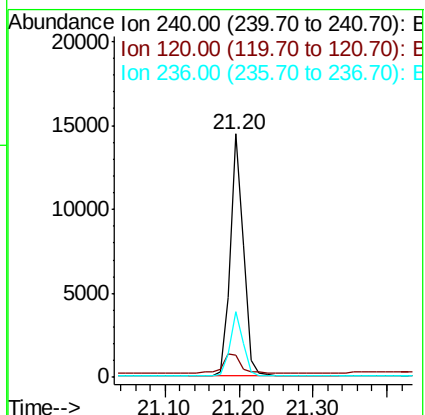
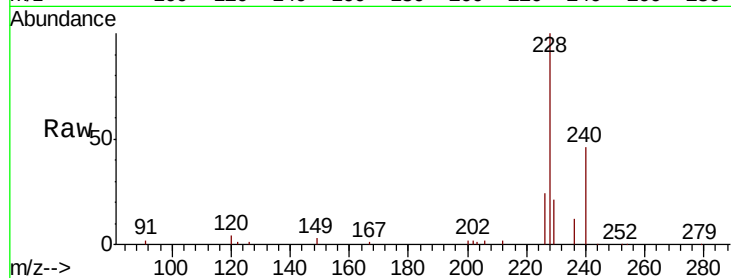
Tot Ion:240 Resp: 18094

Ion Ratio Lower Upper

240 100

120 9.0 7.7 11.5

236 27.1 21.8 32.6



#28

Pyrene

Concen: 2.789 ng

RT: 19.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

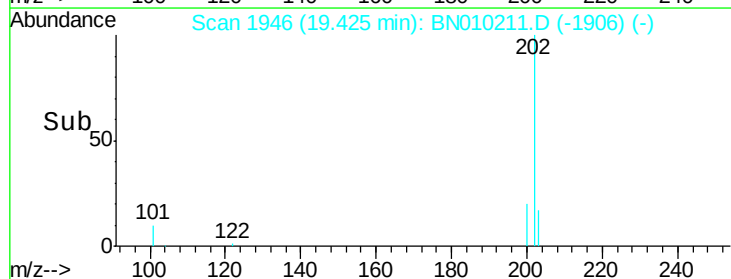
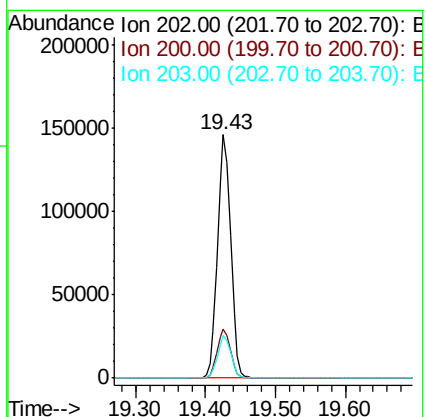
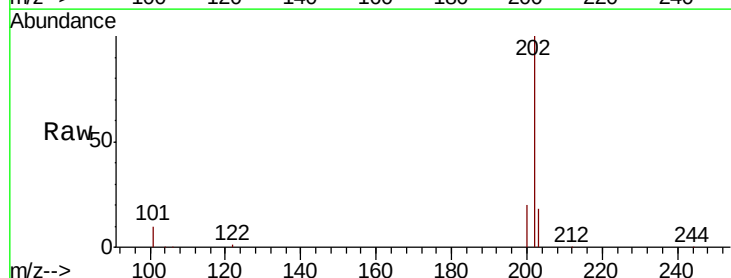
Tgt Ion:202 Resp: 191654

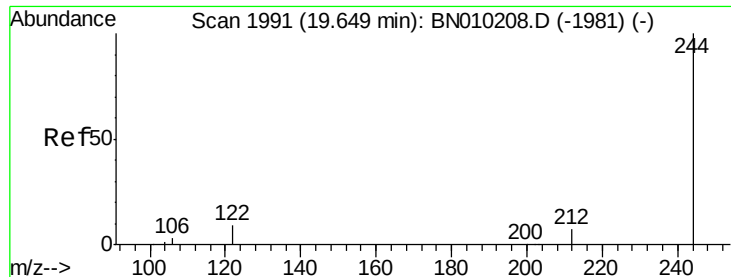
Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

203 17.5 14.1 21.1





#29

Terphenyl-d14

Concen: 3.007 ng

RT: 19.65 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampled :

SSTDICC3.2

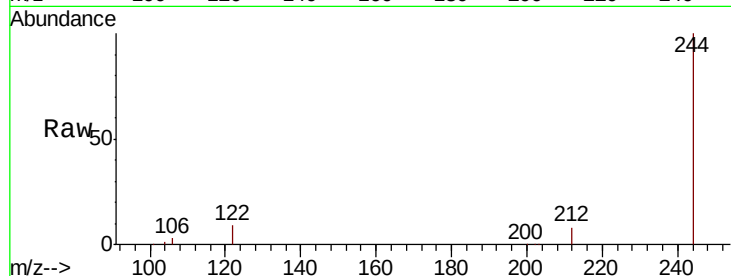
Tot Ion:244 Resp: 129991

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

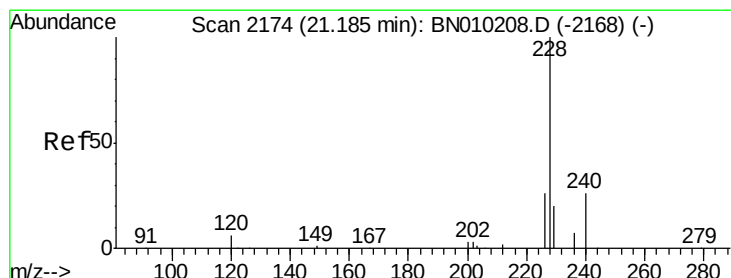
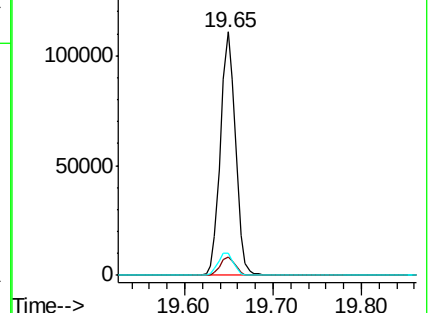
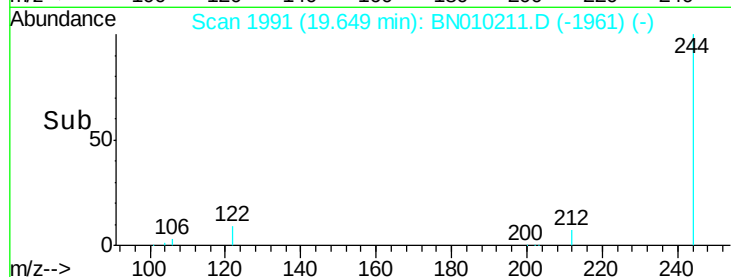
122 9.1 8.1 12.1



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: 3.265 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

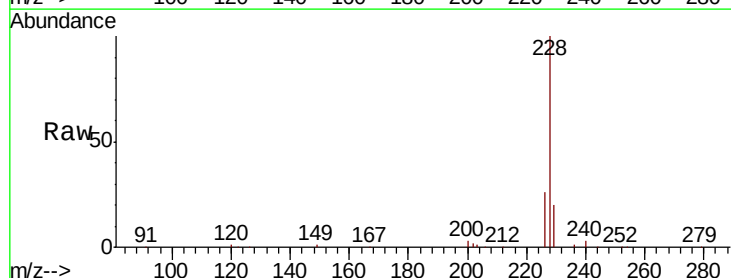
Tgt Ion:228 Resp: 196064

Ion Ratio Lower Upper

228 100

226 25.7 21.1 31.7

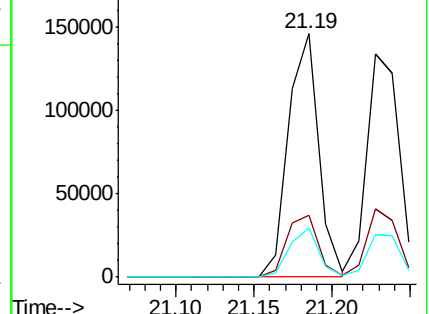
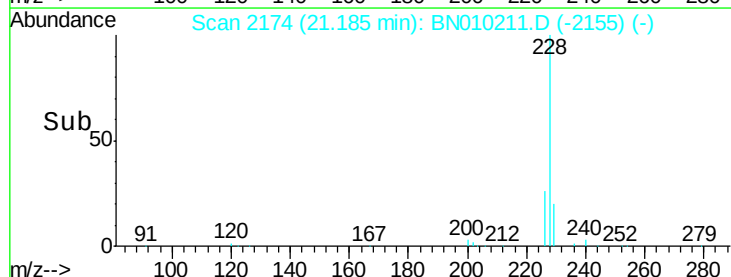
229 20.1 16.2 24.4

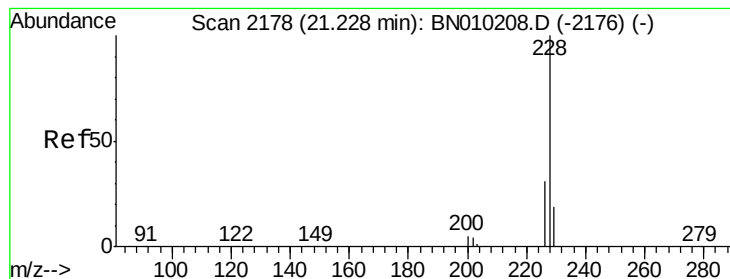


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 2.757 ng

RT: 21.23 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

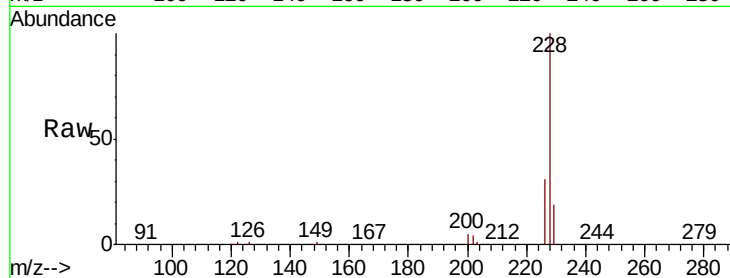
Tot Ion:228 Resp: 191495

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.4

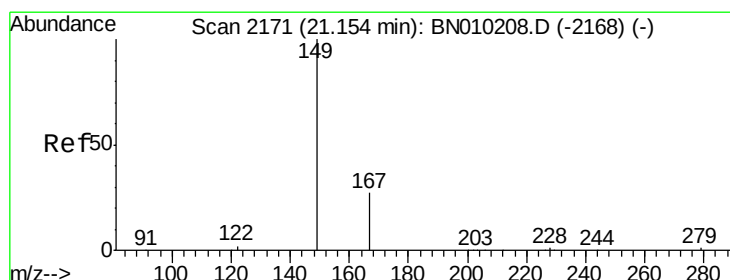
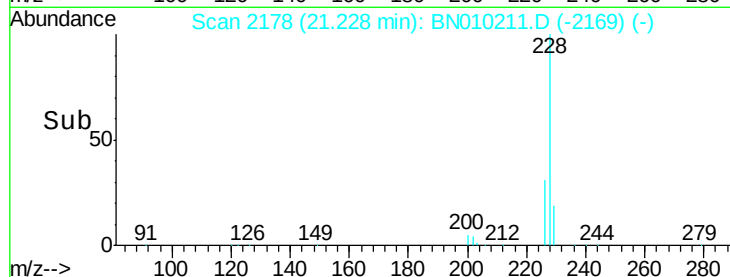
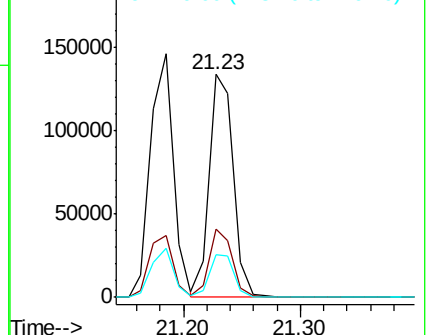
229 19.1 15.7 23.5



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: 3.002 ng

RT: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

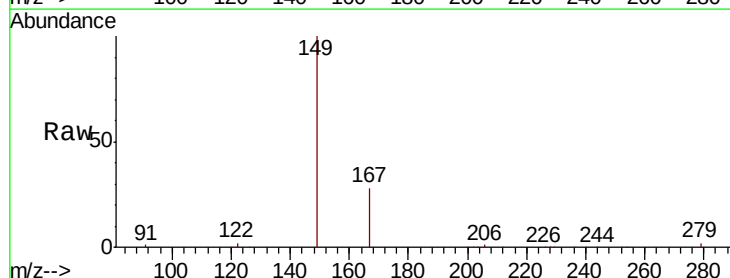
Tgt Ion:149 Resp: 87954

Ion Ratio Lower Upper

149 100

167 28.6 21.0 31.4

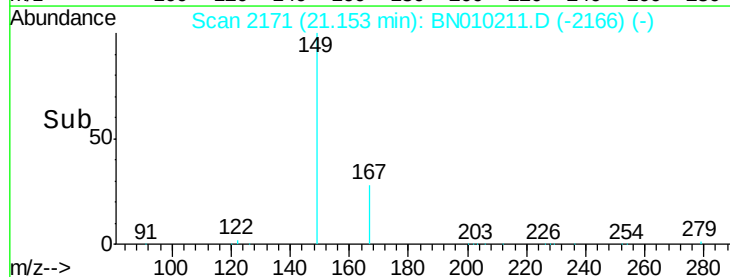
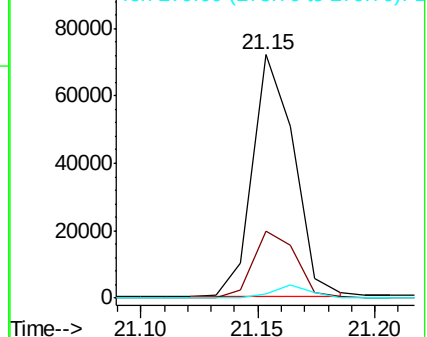
279 4.7 3.1 4.7#

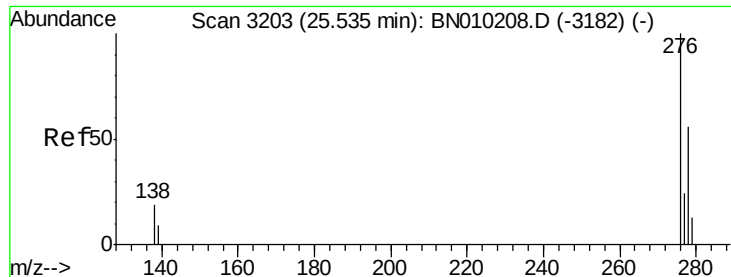


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.108 ng

RT: 25.53 min Scan# 3203

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

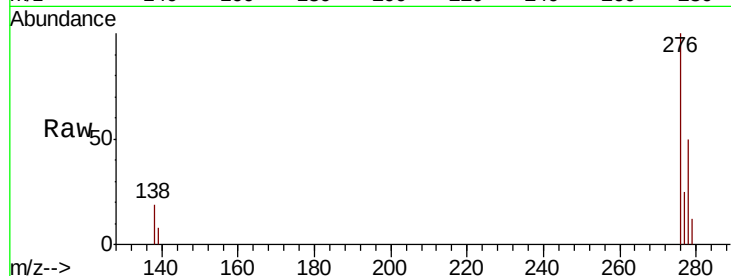
Tot Ion:276 Resp: 224846

Ion Ratio Lower Upper

276 100

138 20.6 15.8 23.6

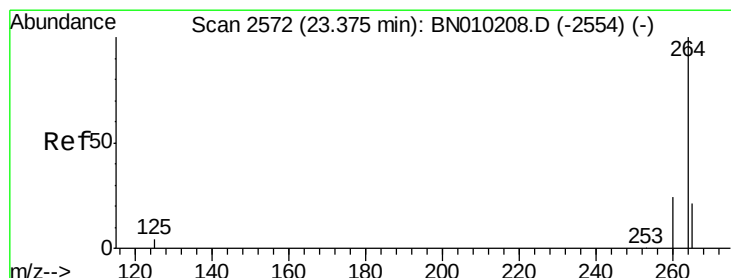
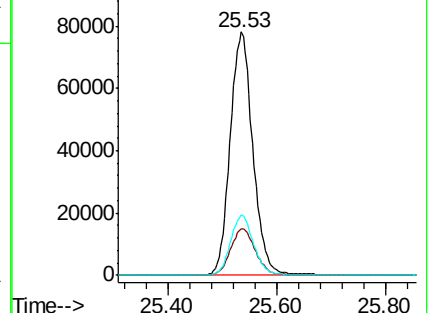
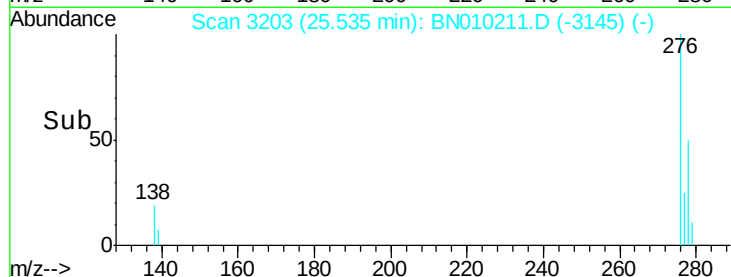
277 25.1 19.3 28.9



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: 23.38 min Scan# 2572

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

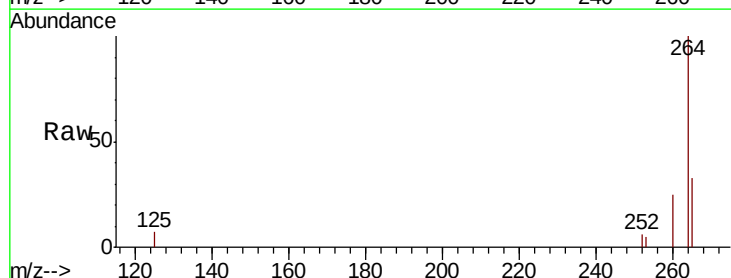
Tgt Ion:264 Resp: 19528

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

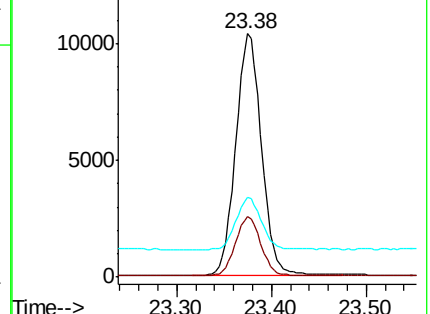
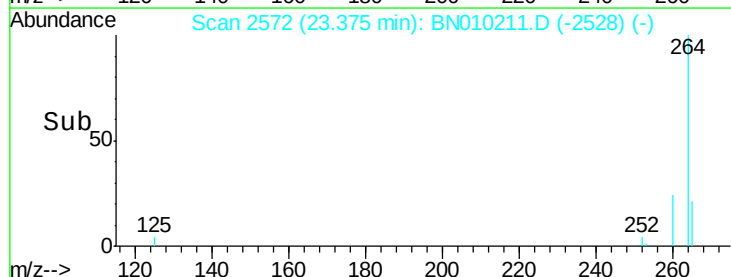
265 32.6 25.8 38.6

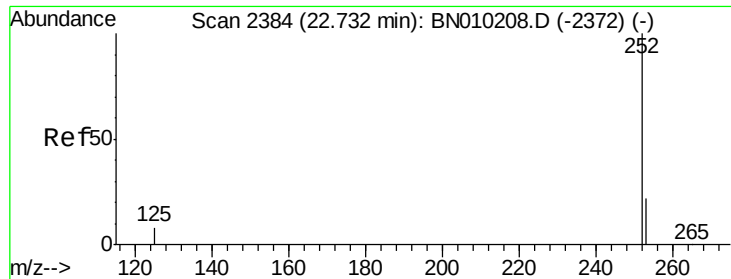


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 2.727 ng

RT: 22.73 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

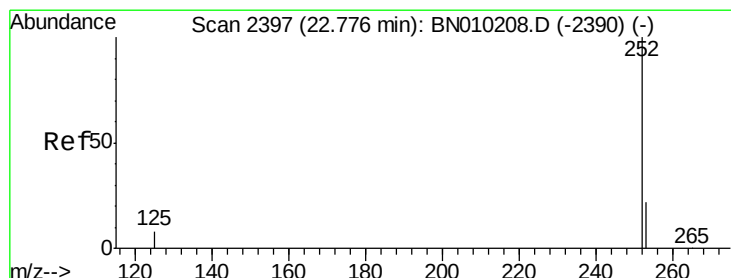
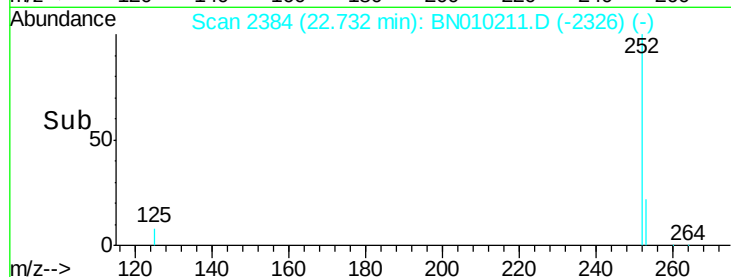
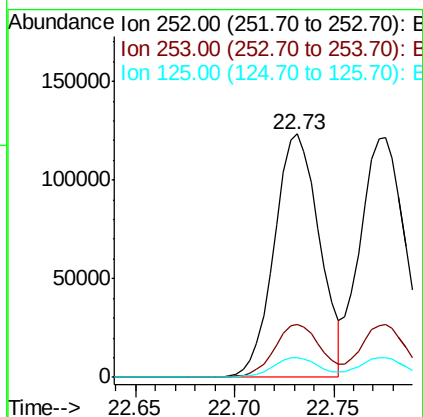
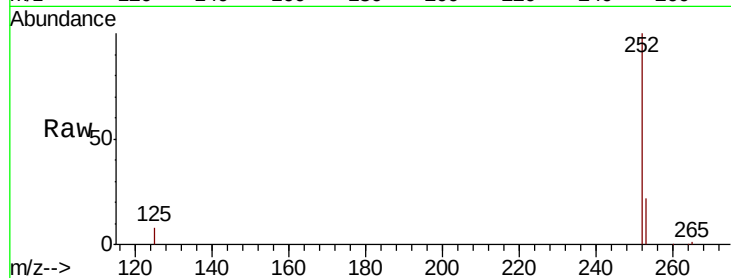
Tot Ion:252 Resp: 194672

Ion Ratio Lower Upper

252 100

253 21.8 18.6 28.0

125 8.1 7.9 11.9



#36

Benzo(k)fluoranthene

Concen: 2.527 ng

RT: 22.78 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

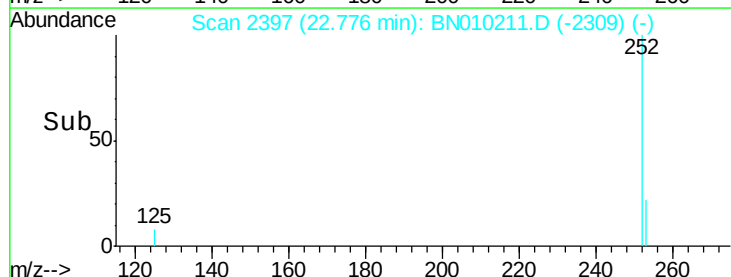
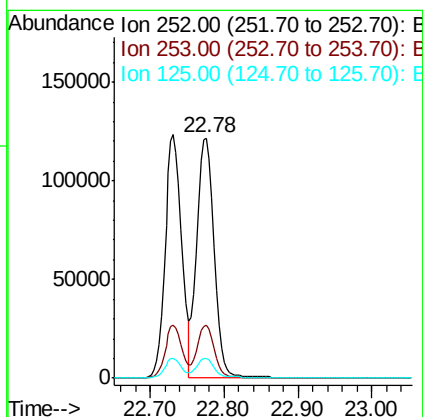
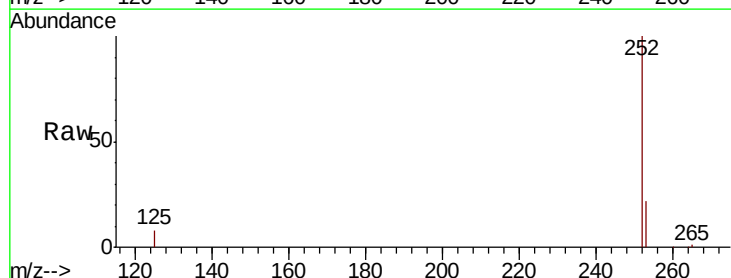
Tgt Ion:252 Resp: 196452

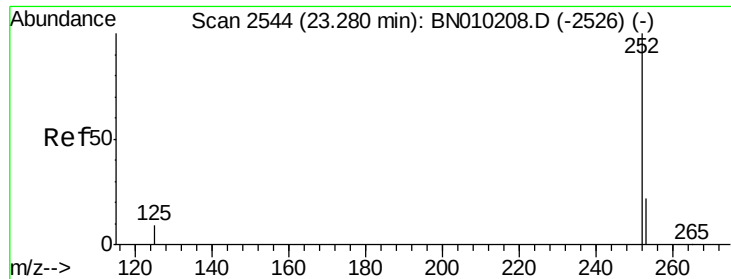
Ion Ratio Lower Upper

252 100

253 21.8 18.8 28.2

125 8.1 8.2 12.4#





#37

Benzo(a)pyrene

Concen: 2.815 ng

RT: 23.28 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

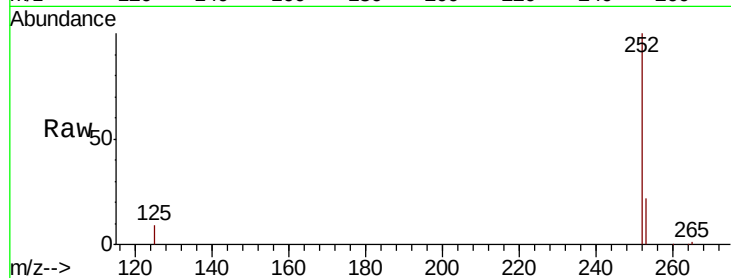
Tot Ion:252 Resp: 183396

Ion Ratio Lower Upper

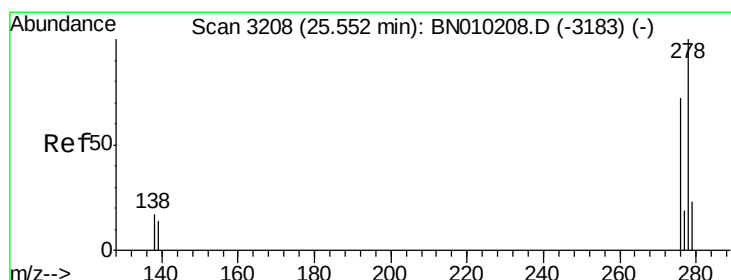
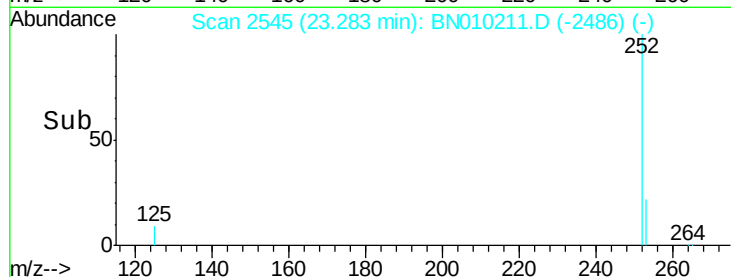
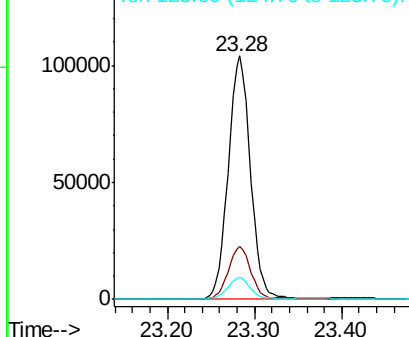
252 100

253 21.9 19.1 28.7

125 9.0 9.2 13.8#



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



#38

Dibenzo(a,h)anthracene

Concen: 2.856 ng

RT: 25.56 min Scan# 3209

Delta R.T. 0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

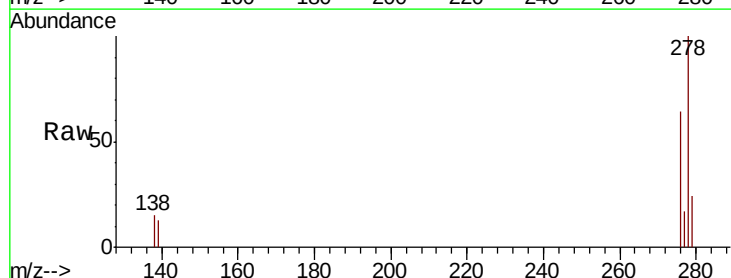
Tgt Ion:278 Resp: 183183

Ion Ratio Lower Upper

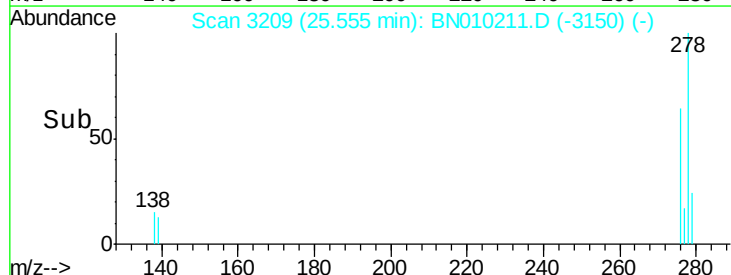
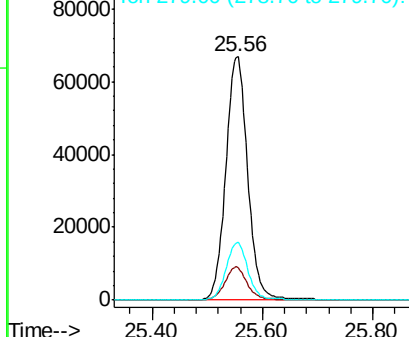
278 100

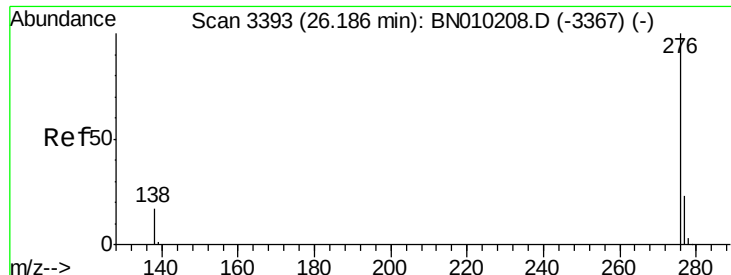
139 13.2 12.4 18.6

279 23.8 20.2 30.2



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: 2.667 ng

RT: 26.19 min Scan# 3393

Delta R.T. -0.00 min

Lab File: BN010211.D

Acq: 13 Mar 2020 21:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

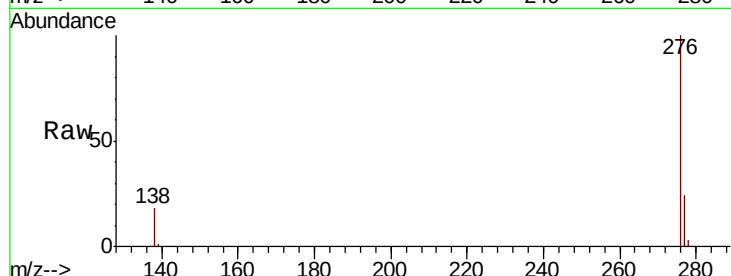
Tot Ion: 276 Resp: 182202

Ion Ratio Lower Upper

276 100

277 23.7 19.4 29.2

138 17.8 15.4 23.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

