

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010284.D
 Acq On : 19 Mar 2020 11:04
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

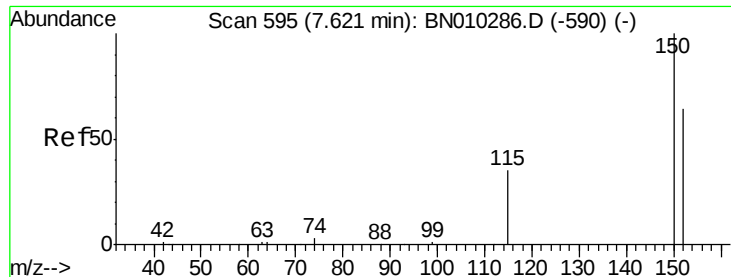
Quant Time: Mar 19 15:17:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3847	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13170	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	7778	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	18685	0.40	ng	0.00
27) Chrysene-d12	21.19	240	19451	0.40	ng	0.00
34) Perylene-d12	23.36	264	20335	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	803	0.09	ng	0.00
5) Phenol-d6	6.80	99	958	0.08	ng	0.00
8) Nitrobenzene-d5	8.75	82	843	0.11	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	2009	0.09	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	263	0.09	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	2923	0.11	ng	0.00
25) Fluoranthene-d10	19.02	212	5331	0.09	ng	0.00
29) Terphenyl-d14	19.64	244	4245	0.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	357	0.095	ng	97
3) n-Nitrosodimethylamine	3.57	42	243	0.073	ng	# 87
6) bis(2-Chloroethyl)ether	7.06	93	923	0.098	ng	95
9) Naphthalene	10.43	128	3207	0.097	ng	96
10) Hexachlorobutadiene	10.73	225	810	0.107	ng	# 96
12) 2-Methylnaphthalene	12.05	142	2166	0.091	ng	95
16) Acenaphthylene	13.95	152	2770	0.077	ng	98
17) Acenaphthene	14.30	154	2015	0.093	ng	96
18) Fluorene	15.29	166	2695	0.091	ng	99
20) 4-Bromophenyl-phenylether	16.18	248	1059	0.099	ng	# 89
21) Hexachlorobenzene	16.30	284	1122	0.107	ng	97
22) Pentachlorophenol	16.64	266	349	0.108	ng	92
23) Phenanthrene	17.02	178	4915	0.099	ng	99
24) Anthracene	17.12	178	3979	0.081	ng	100
26) Fluoranthene	19.05	202	5847	0.093	ng	99
28) Pyrene	19.41	202	6021	0.093	ng	100
30) Benzo(a)anthracene	21.18	228	5960	0.090	ng	99
31) Chrysene	21.22	228	6723	0.103	ng	97
32) Bis(2-ethylhexyl)phthalate	21.13	149	2048	0.073	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	6800	0.088	ng	99
35) Benzo(b)fluoranthene	22.72	252	6507	0.104	ng	# 86
36) Benzo(k)fluoranthene	22.76	252	6574	0.104	ng	# 86
37) Benzo(a)pyrene	23.27	252	5268	0.089	ng	# 81
38) Dibenzo(a,h)anthracene	25.52	278	5436	0.092	ng	# 87
39) Benzo(g,h,i)perylene	26.16	276	5832	0.099	ng	95

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

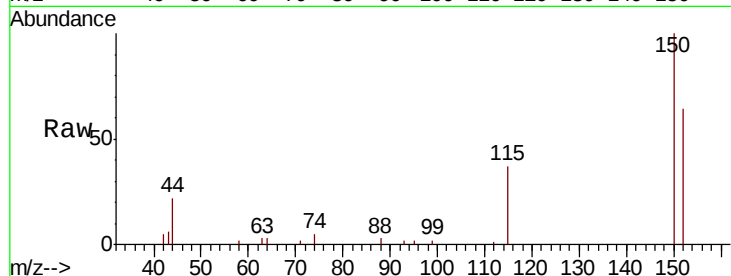


#1

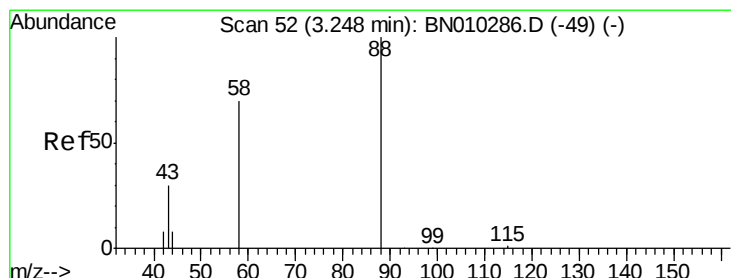
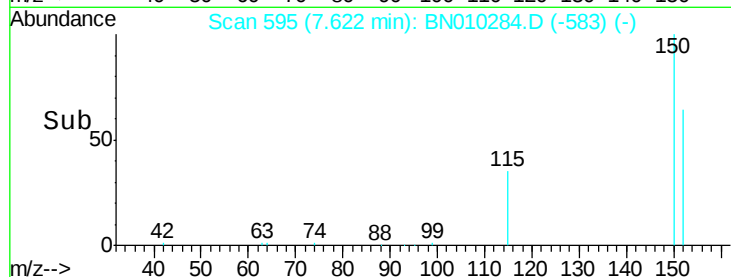
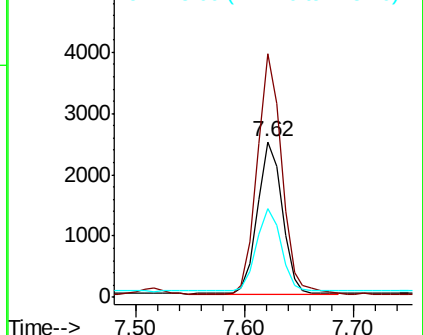
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3847
Ion Ratio Lower Upper
152 100
150 156.5 123.1 184.7
115 57.4 45.2 67.8



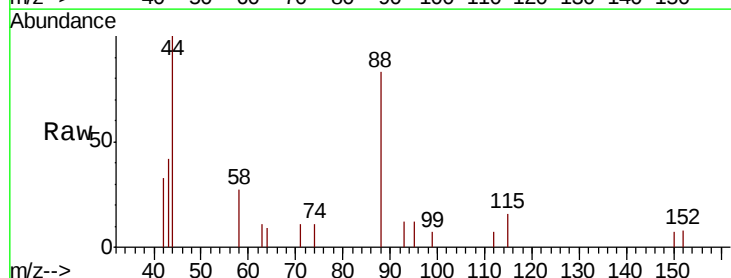
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



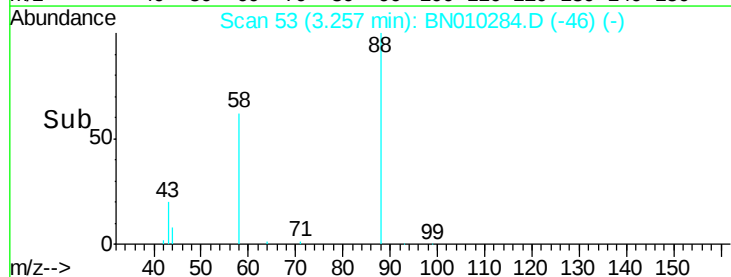
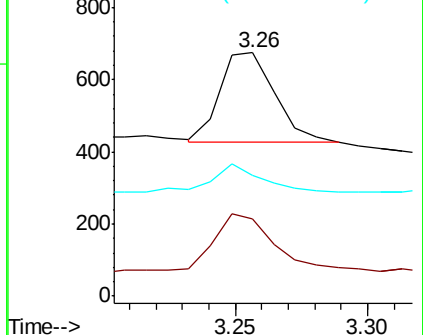
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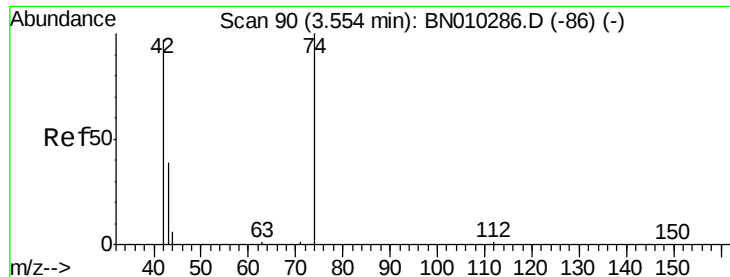
1,4-Dioxane
Concen: 0.095 ng
RT: 3.26 min Scan# 53
Delta R.T. 0.01 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

Tgt Ion: 88 Resp: 357
Ion Ratio Lower Upper
88 100
58 66.9 51.7 77.5
43 28.3 21.2 31.8



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



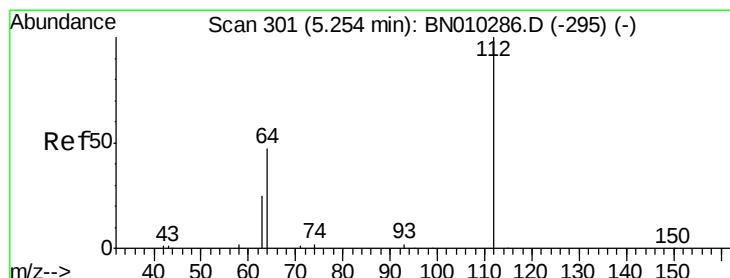
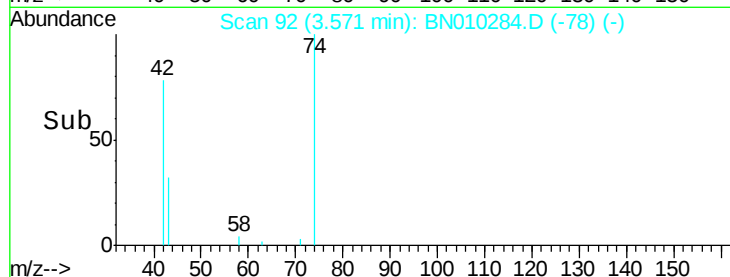
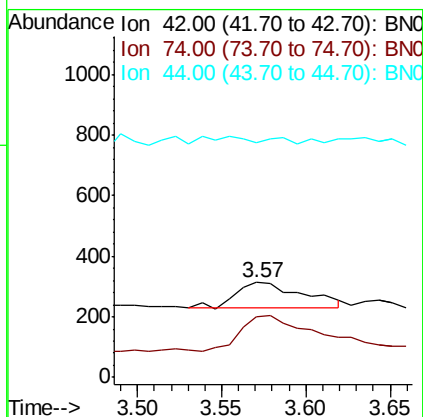
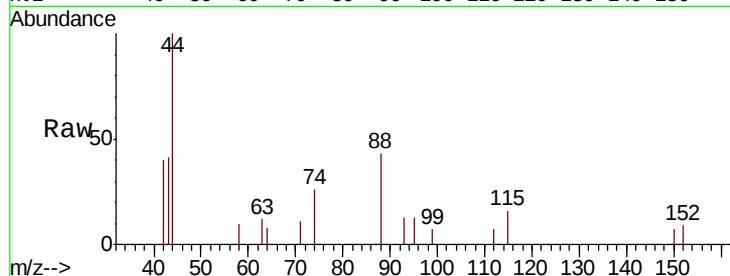


#3

n-Nitrosodimethylamine
 Concen: 0.073 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.02 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Instrument :
 BNA_N
 ClientSampled :

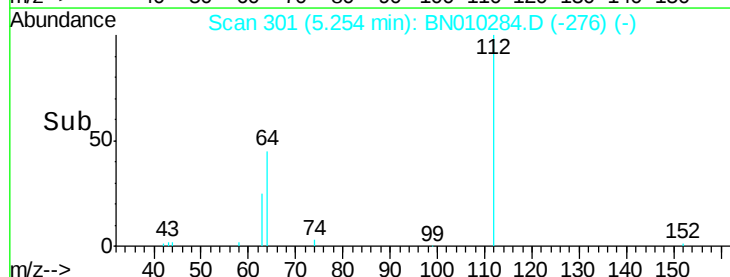
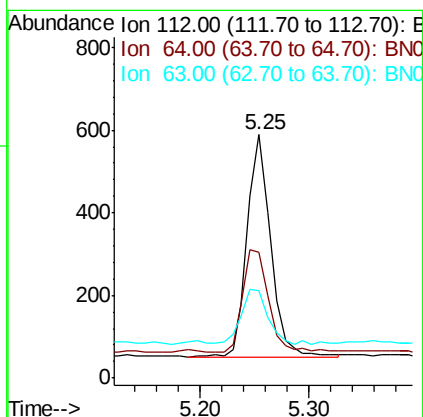
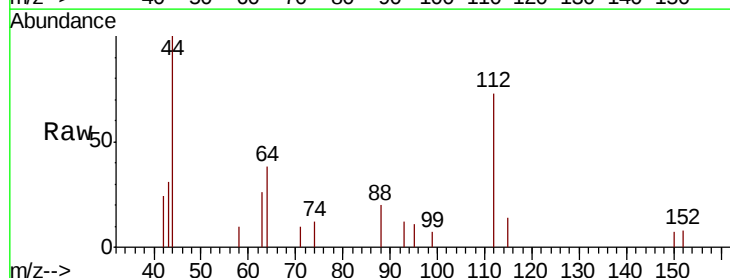
Tot Ion: 42 Resp: 243
 Ion Ratio Lower Upper
 42 100
 74 139.5 99.4 149.0
 44 8.6 4.8 7.2#

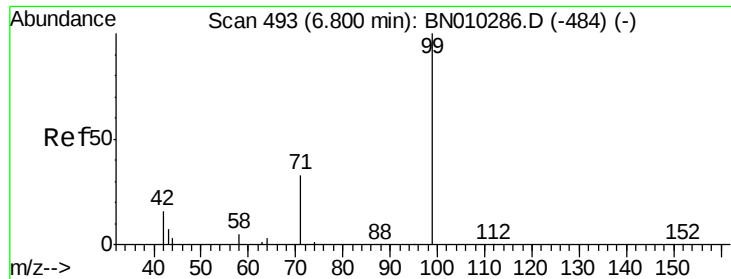


#4

2-Fluorophenol
 Concen: 0.089 ng
 RT: 5.25 min Scan# 301
 Delta R.T. 0.00 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Tgt Ion: 112 Resp: 803
 Ion Ratio Lower Upper
 112 100
 64 51.3 41.4 62.2
 63 27.8 22.9 34.3





#5

Phenol-d6

Concen: 0.085 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

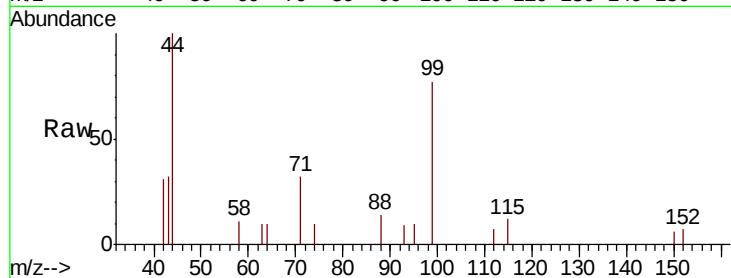
Tot Ion: 99 Resp: 958

Ion Ratio Lower Upper

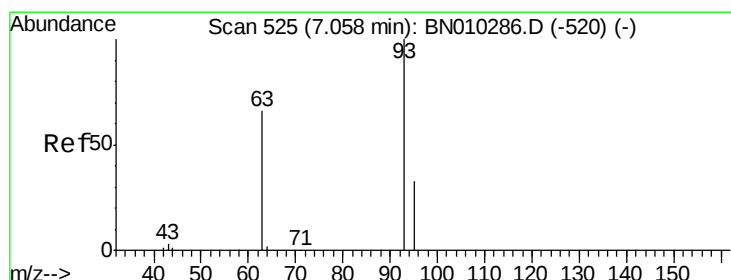
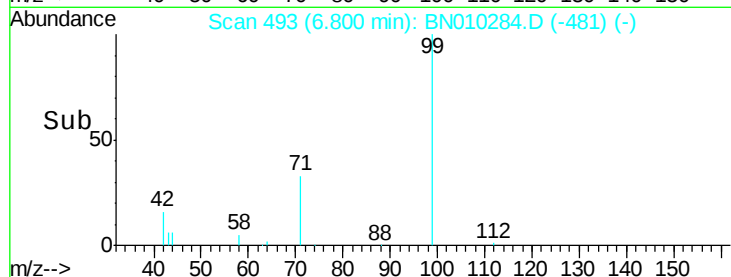
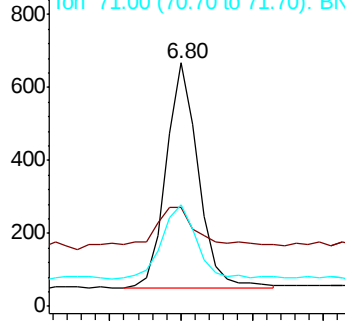
99 100

42 29.6 14.8 22.2#

71 36.4 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010284.D (-484) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.098 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

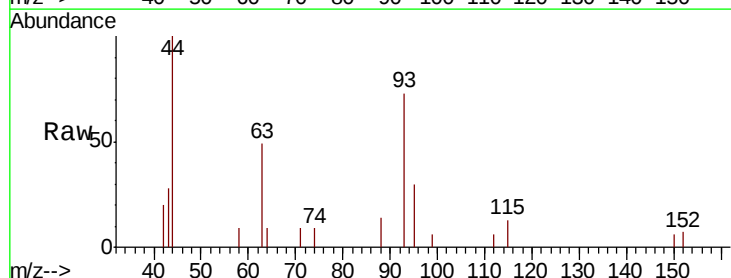
Tgt Ion: 93 Resp: 923

Ion Ratio Lower Upper

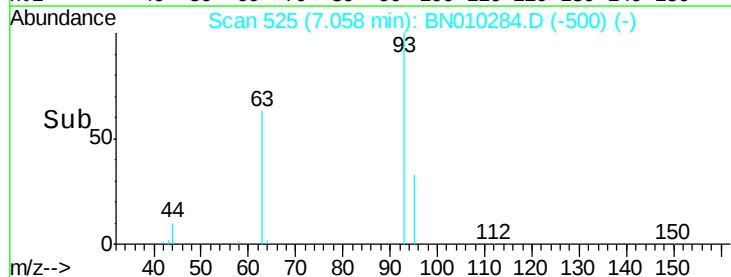
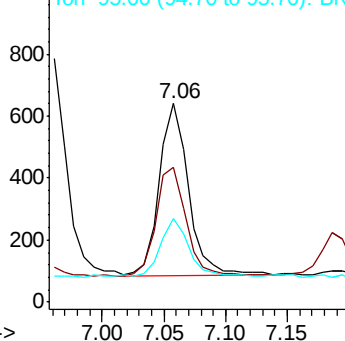
93 100

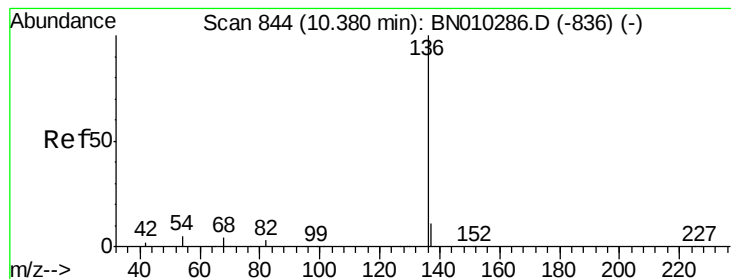
63 65.4 55.6 83.4

95 34.9 26.2 39.4



Abundance Ion 93.00 (92.70 to 93.70): BN010284.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13170

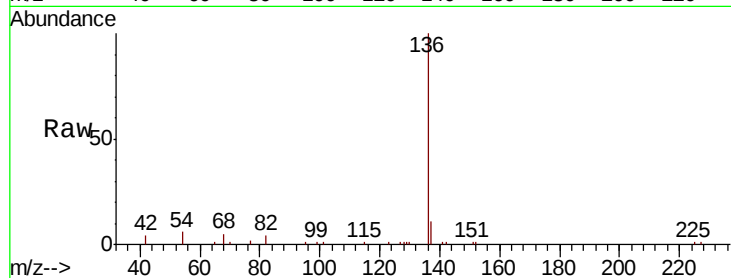
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 5.9 4.8 7.2

68 5.4 4.1 6.1

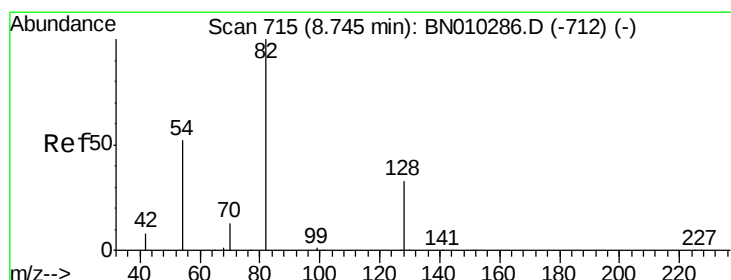
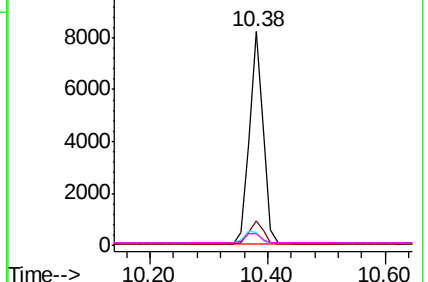
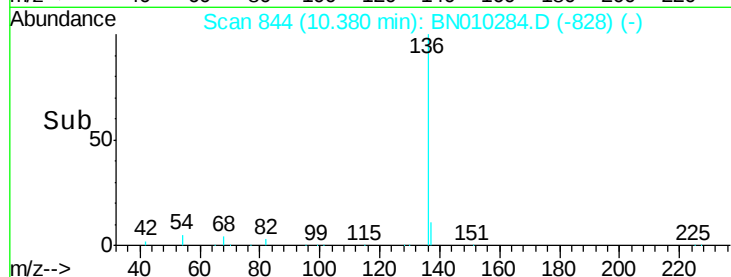


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.107 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

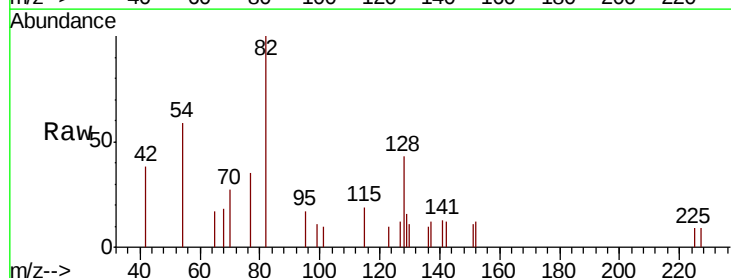
Tgt Ion: 82 Resp: 843

Ion Ratio Lower Upper

82 100

128 43.1 28.8 43.2

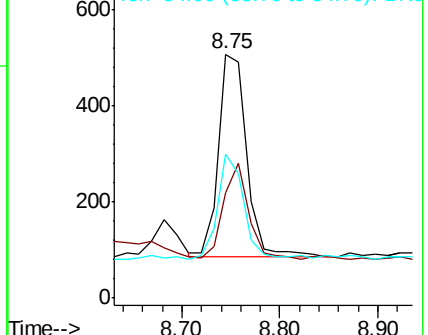
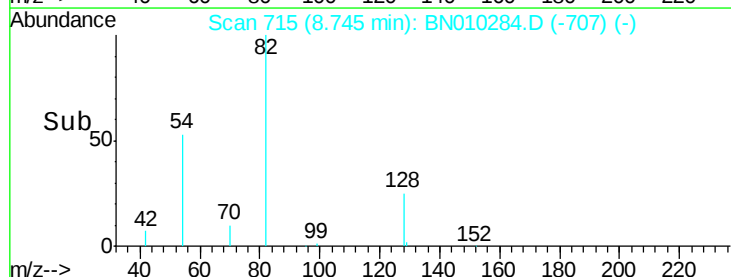
54 59.1 42.1 63.1

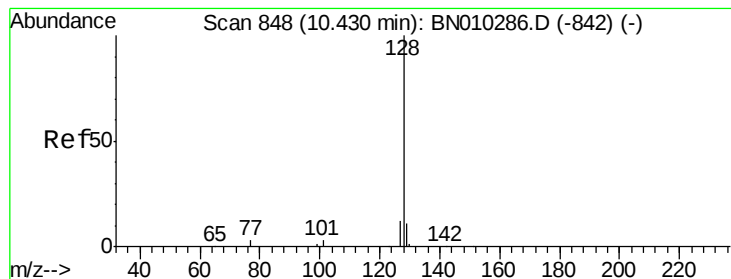


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.097 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampled :

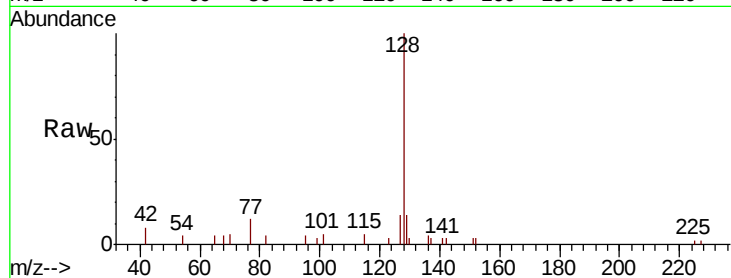
Tot Ion:128 Resp: 3207

Ion Ratio Lower Upper

128 100

129 13.7 9.1 13.7

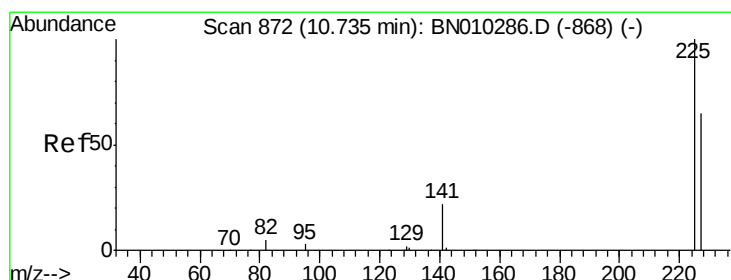
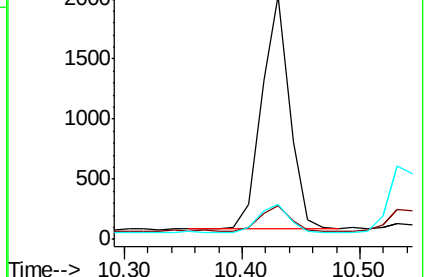
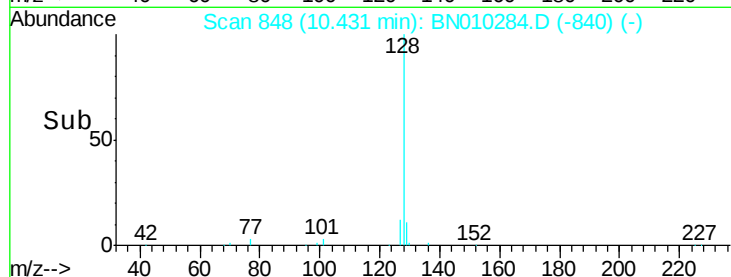
127 14.3 10.4 15.6



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: 0.107 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

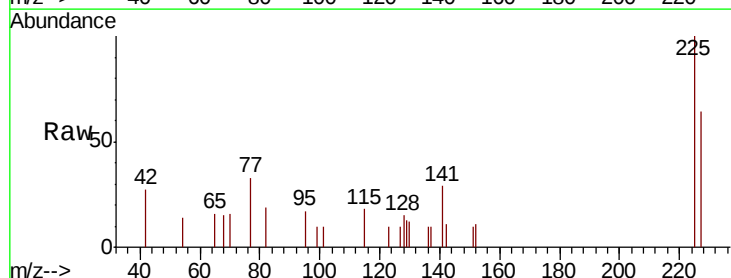
Tgt Ion:225 Resp: 810

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

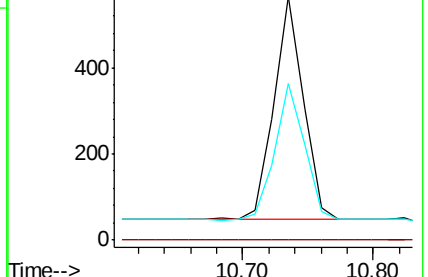
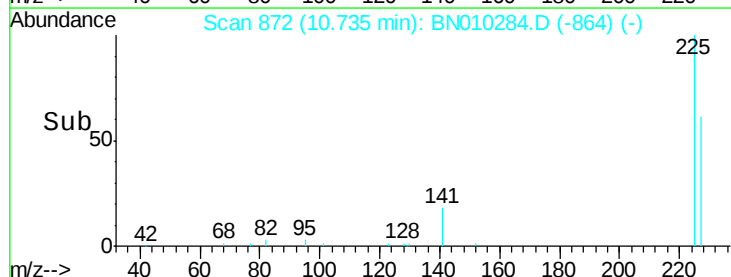
227 61.7 51.9 77.9

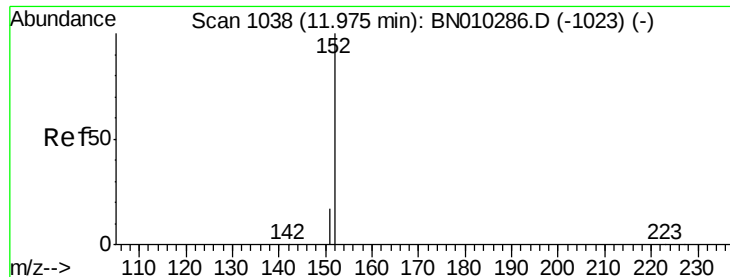


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

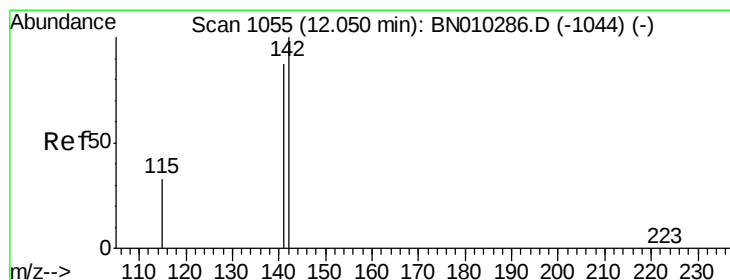
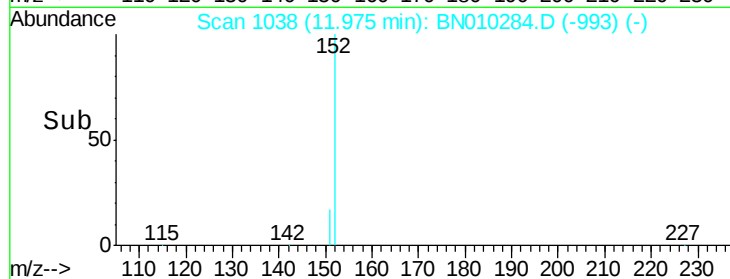
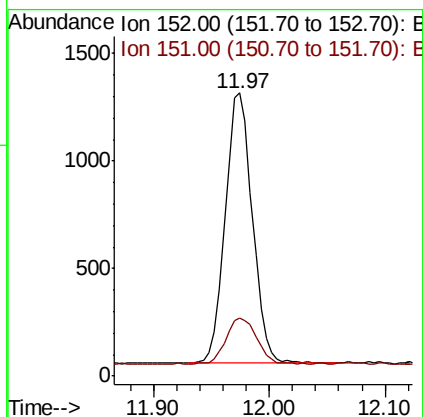
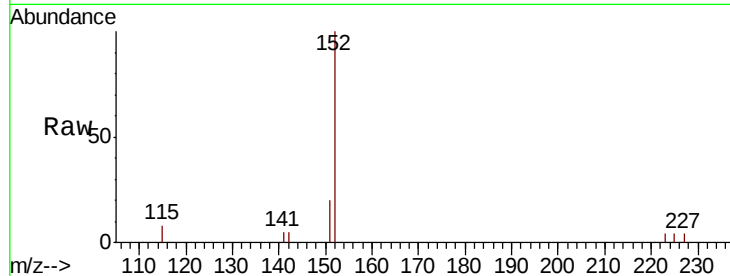




#11
 2-Methylnaphthalene-d10
 Concen: 0.092 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

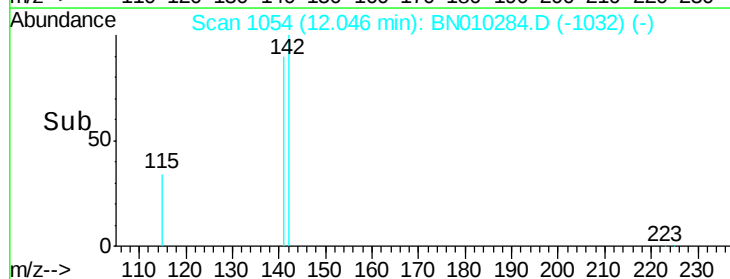
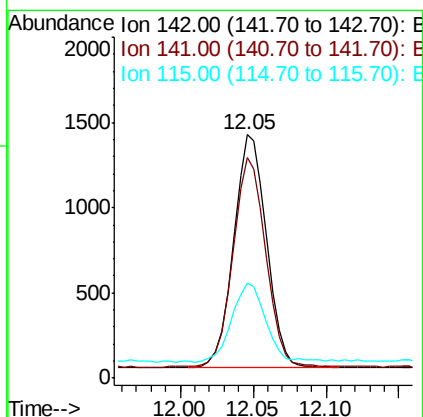
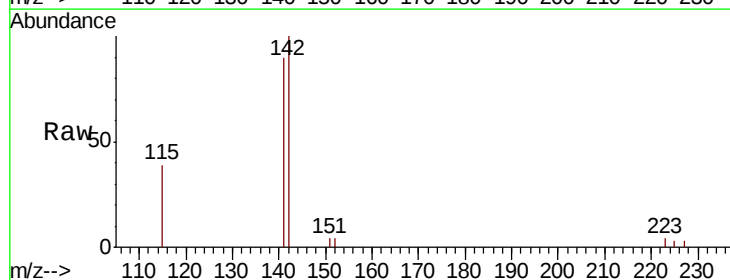
Instrument :
 BNA_N
 ClientSampleId :

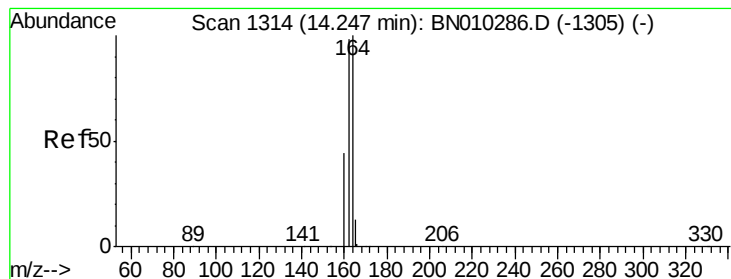
Tot Ion:152 Resp: 2009
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.091 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Tgt Ion:142 Resp: 2166
 Ion Ratio Lower Upper
 142 100
 141 90.5 69.5 104.3
 115 39.2 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

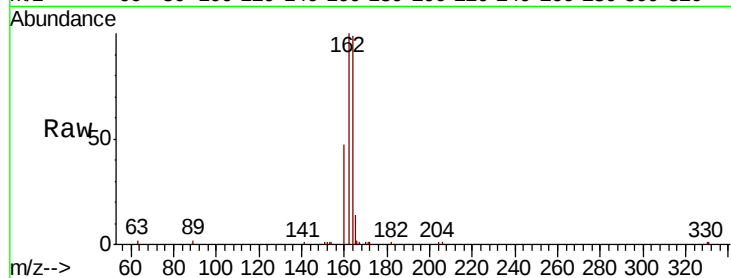
Tot Ion:164 Resp: 7778

Ion Ratio Lower Upper

164 100

162 100.5 78.2 117.2

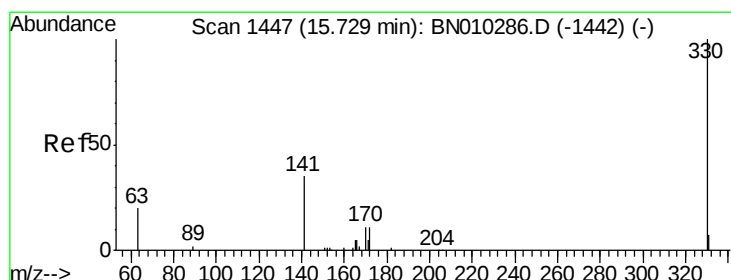
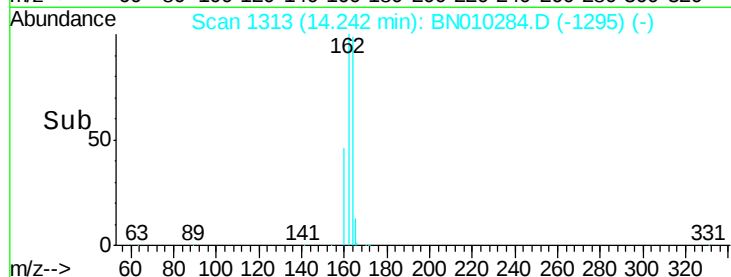
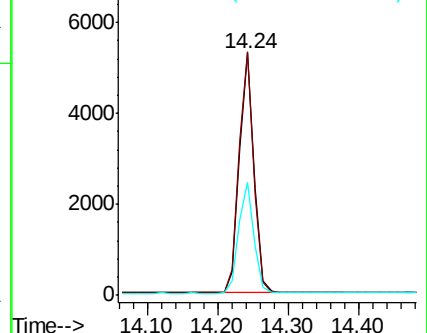
160 46.9 35.8 53.6



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: 0.094 ng

RT: 15.74 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

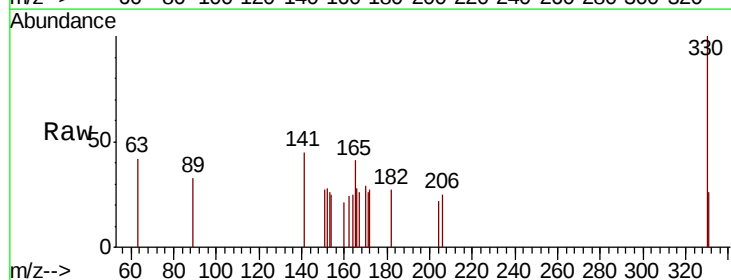
Tgt Ion:330 Resp: 263

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

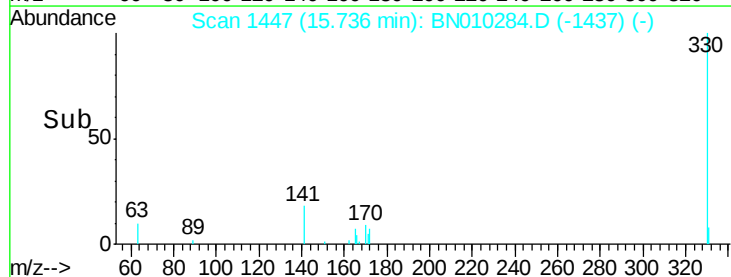
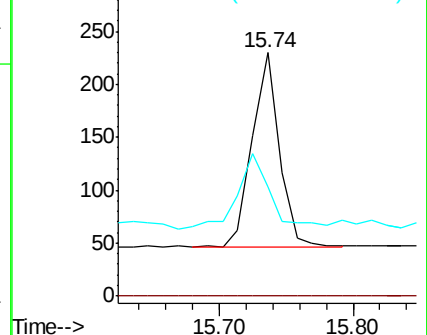
141 47.1 29.3 43.9#

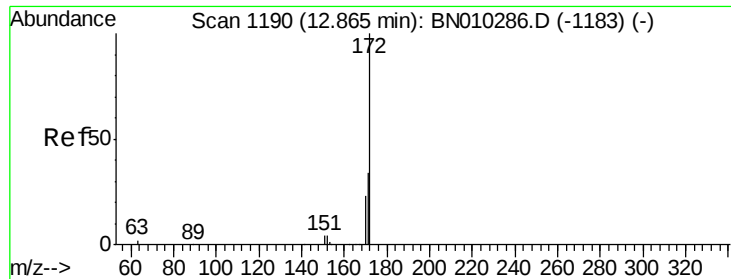


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

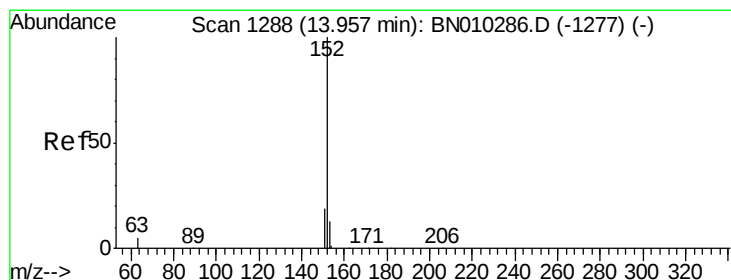
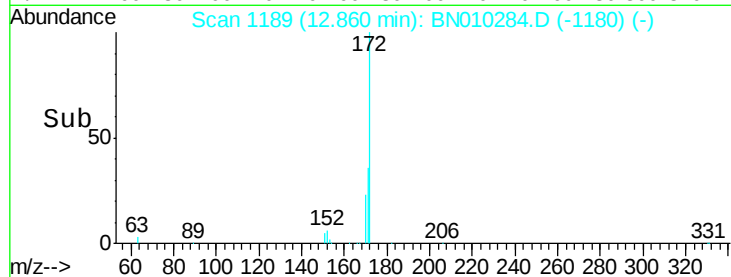
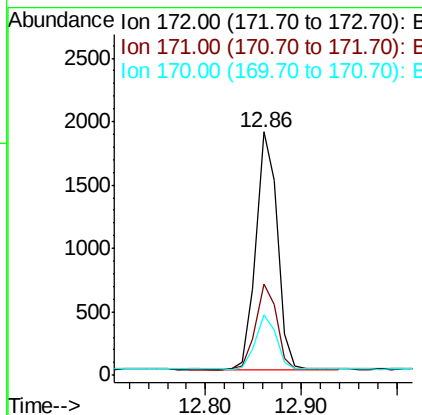
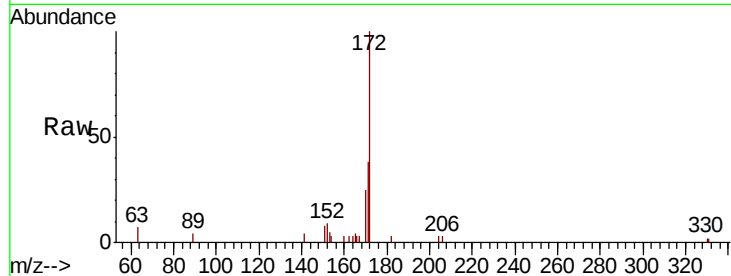




#15
2-Fluorobiphenyl
Concen: 0.106 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

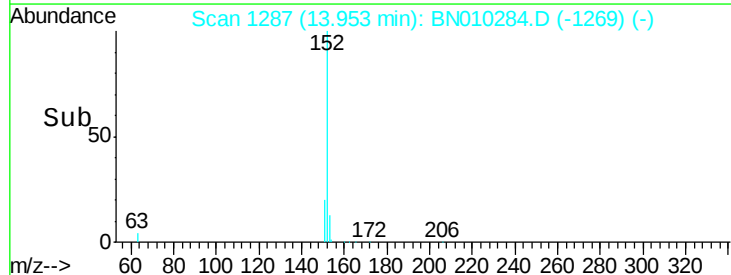
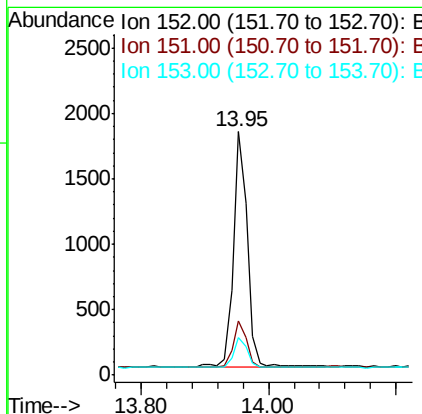
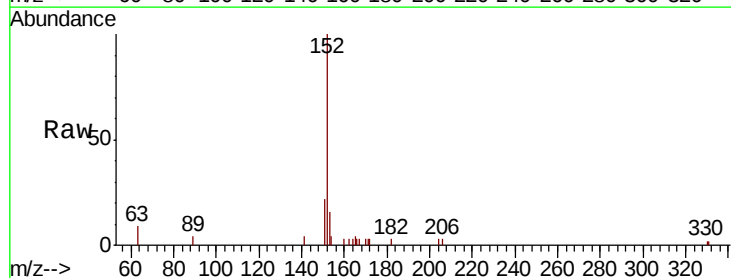
Instrument :
BNA_N
ClientSampleId :

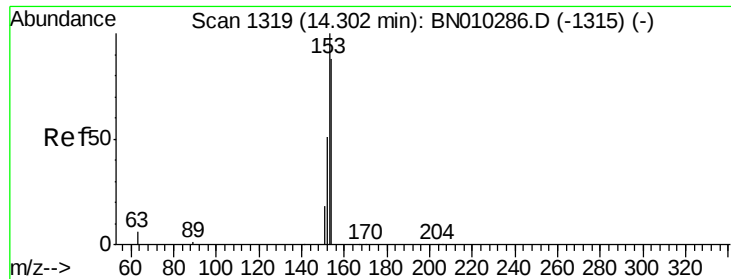
Tot Ion:172 Resp: 2923
Ion Ratio Lower Upper
172 100
171 37.6 27.6 41.4
170 24.9 18.5 27.7



#16
Acenaphthylene
Concen: 0.077 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

Tgt Ion:152 Resp: 2770
Ion Ratio Lower Upper
152 100
151 18.6 15.6 23.4
153 12.8 10.6 15.8

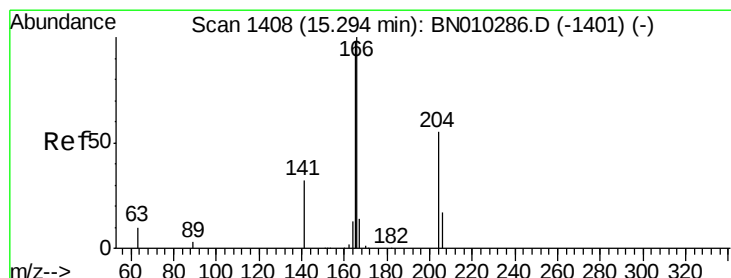
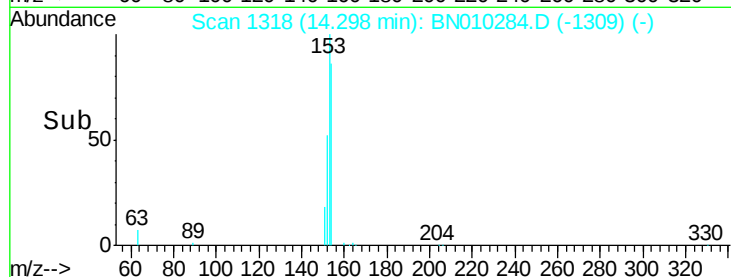
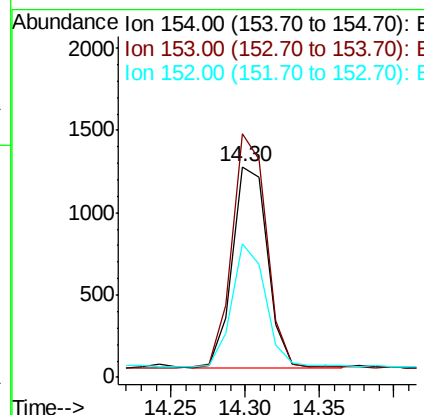
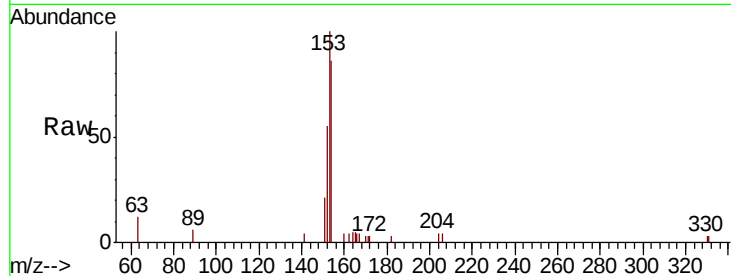




#17
Acenaphthene
Concen: 0.093 ng
RT: 14.30 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

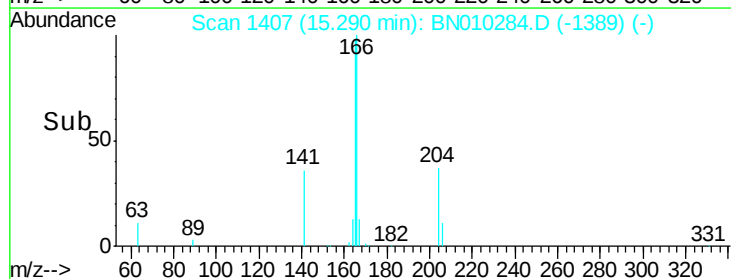
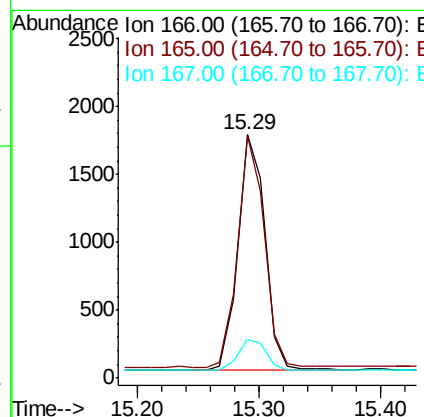
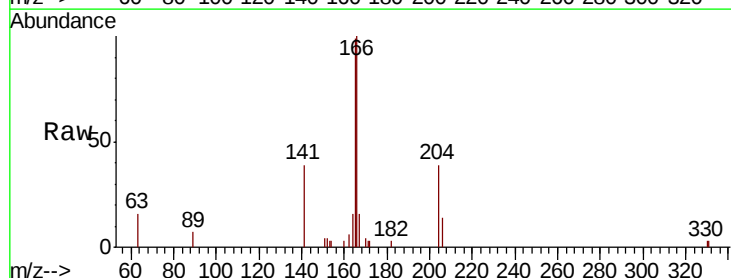
Instrument :
BNA_N
ClientSampleId :

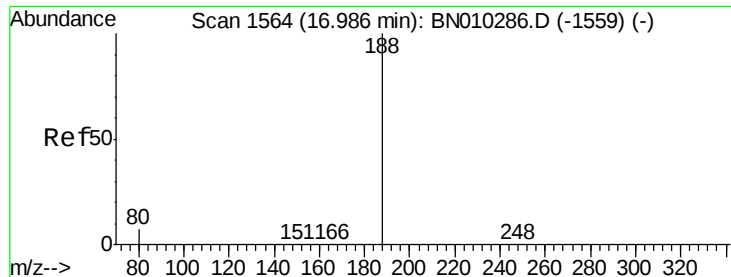
Tot Ion:154 Resp: 2015
Ion Ratio Lower Upper
154 100
153 114.1 88.1 132.1
152 60.0 45.5 68.3



#18
Fluorene
Concen: 0.091 ng
RT: 15.29 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

Tgt Ion:166 Resp: 2695
Ion Ratio Lower Upper
166 100
165 97.6 78.7 118.1
167 13.7 11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

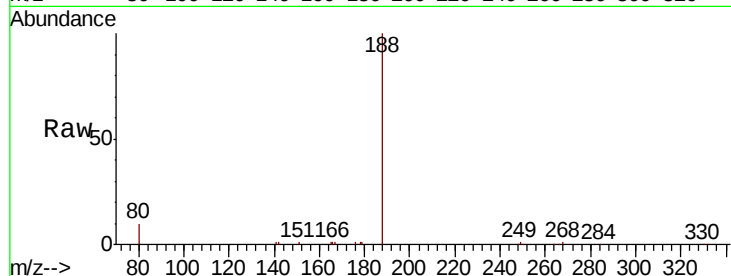
Tot Ion:188 Resp: 18685

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

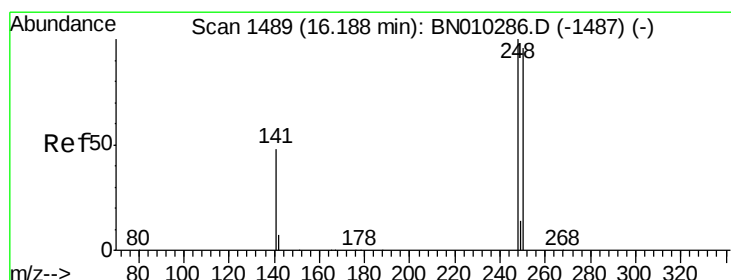
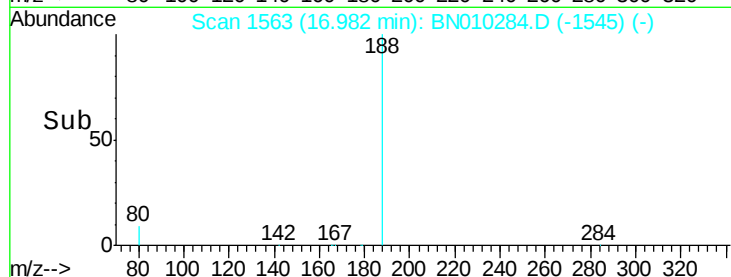
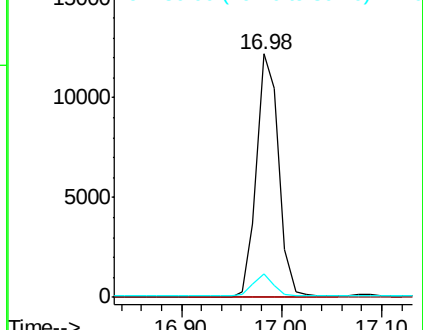
80 9.8 6.0 9.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.099 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

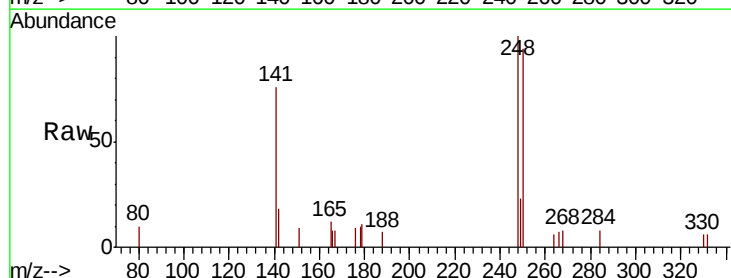
Tgt Ion:248 Resp: 1059

Ion Ratio Lower Upper

248 100

250 94.0 76.8 115.2

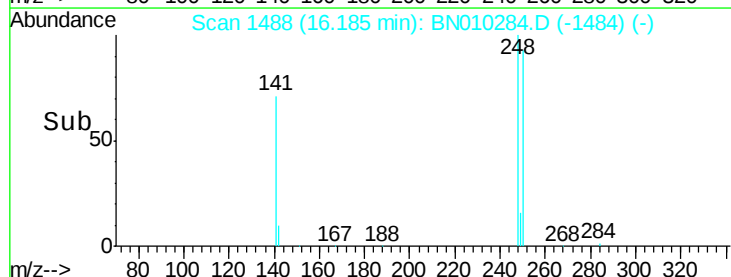
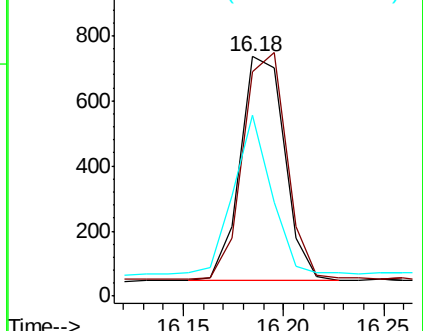
141 75.6 44.4 66.6#

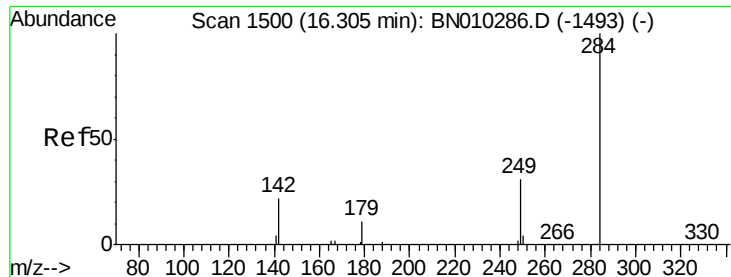


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.107 ng

RT: 16.30 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampled :

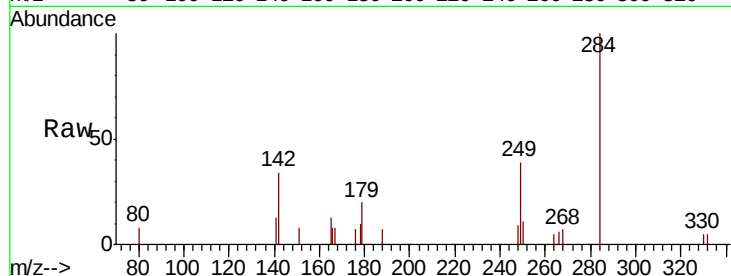
Tot Ion:284 Resp: 1122

Ion Ratio Lower Upper

284 100

142 36.1 27.4 41.2

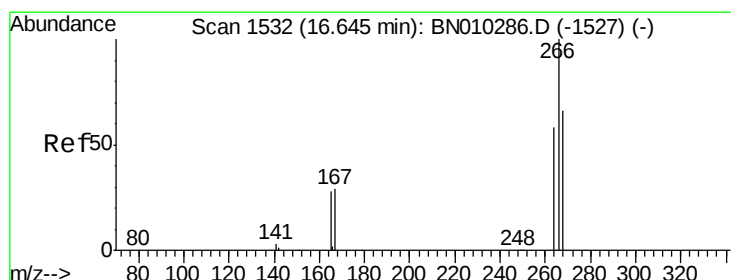
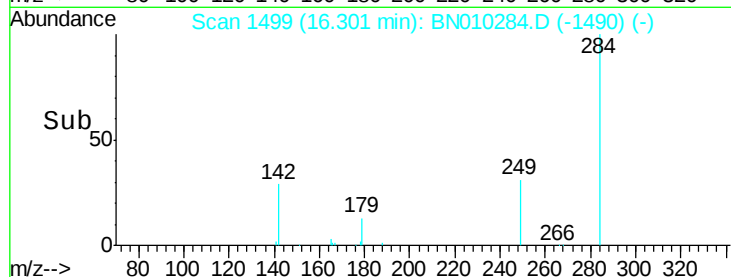
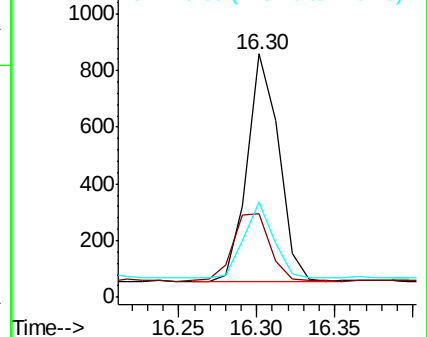
249 31.6 26.5 39.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.108 ng

RT: 16.64 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

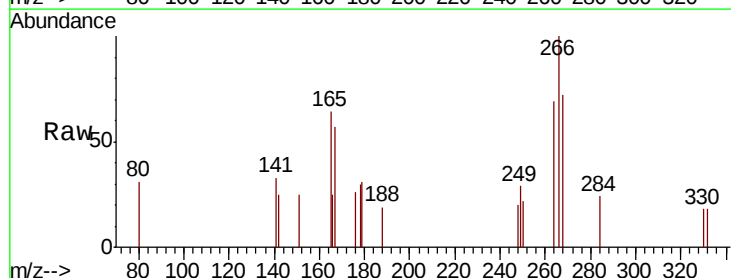
Tgt Ion:266 Resp: 349

Ion Ratio Lower Upper

266 100

264 69.3 47.7 71.5

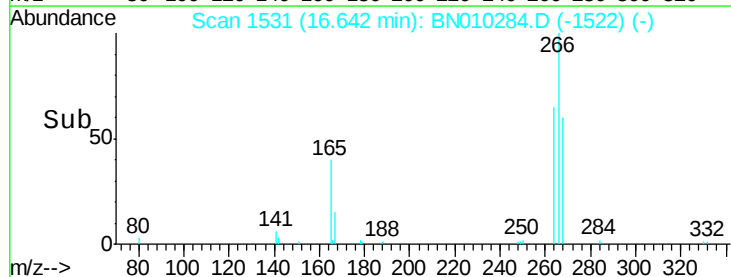
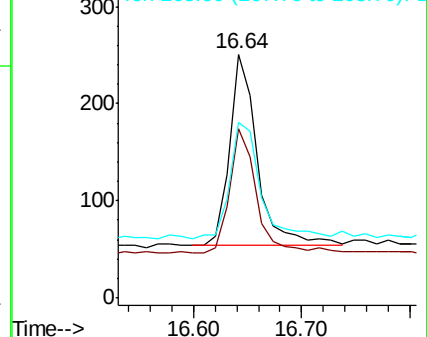
268 72.1 54.9 82.3

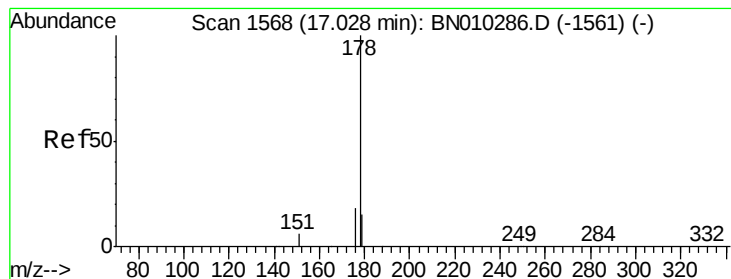


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.099 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

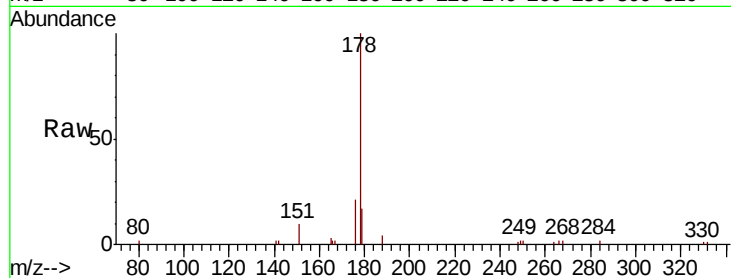
Tot Ion:178 Resp: 4915

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

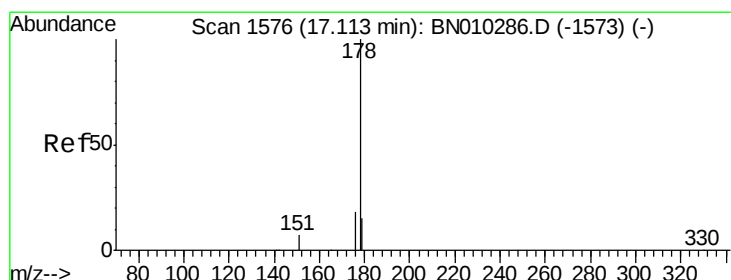
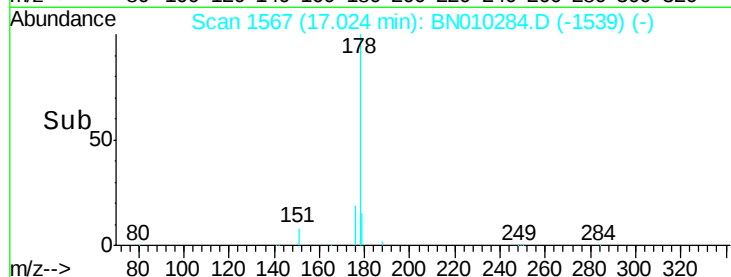
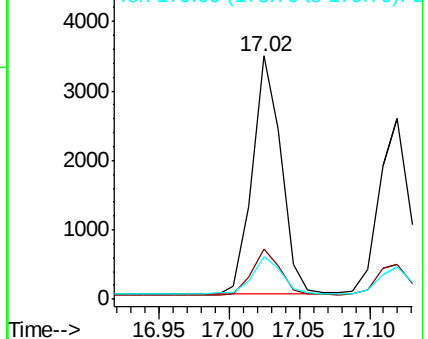
179 15.8 12.4 18.6



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: 0.081 ng

RT: 17.12 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

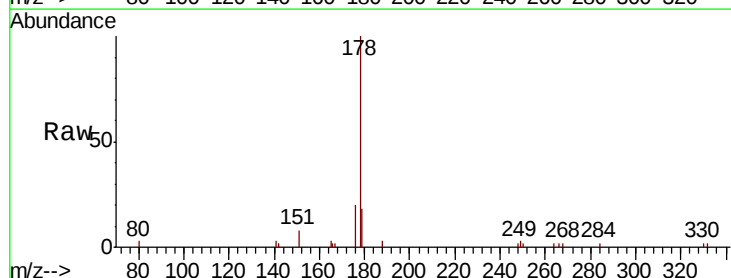
Tgt Ion:178 Resp: 3979

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

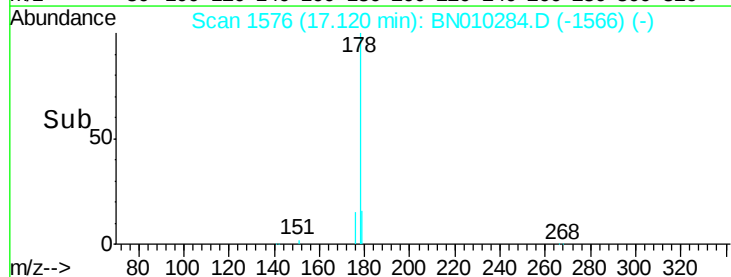
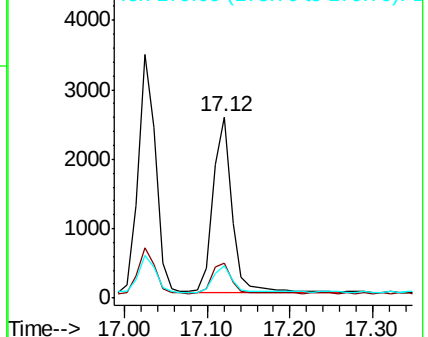
179 15.1 12.3 18.5

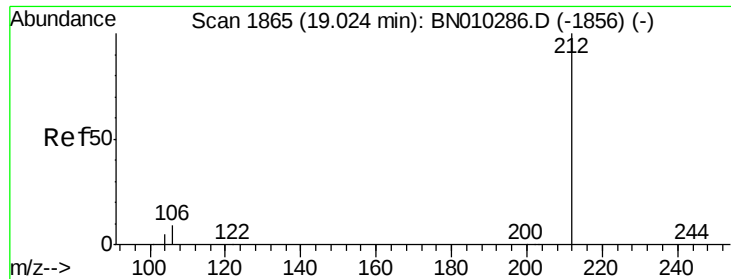


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.092 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

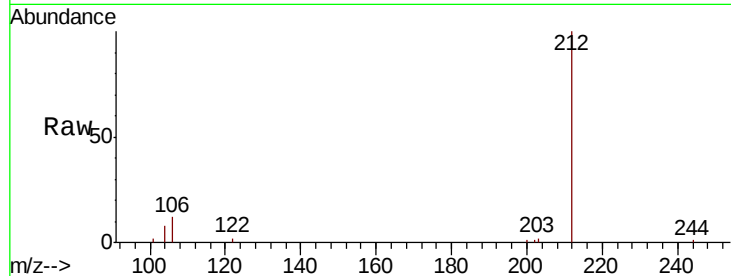
Tot Ion:212 Resp: 5331

Ion Ratio Lower Upper

212 100

106 9.8 7.4 11.2

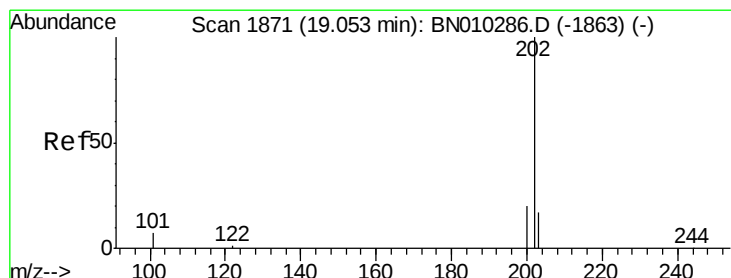
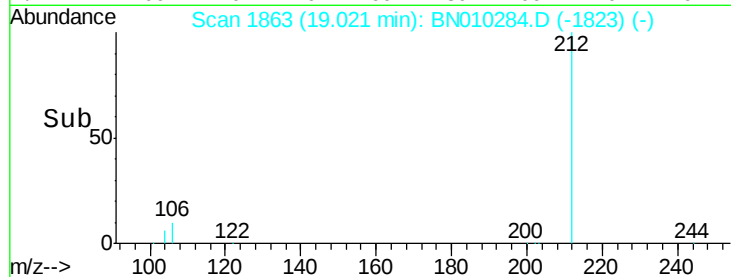
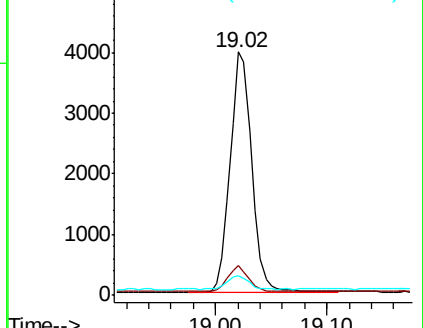
104 5.8 4.2 6.4



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: 0.093 ng

RT: 19.05 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

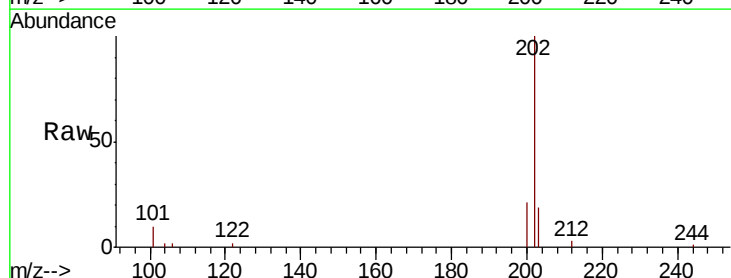
Tgt Ion:202 Resp: 5847

Ion Ratio Lower Upper

202 100

101 8.4 6.6 9.8

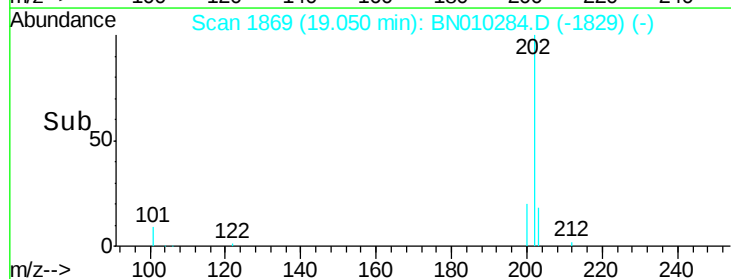
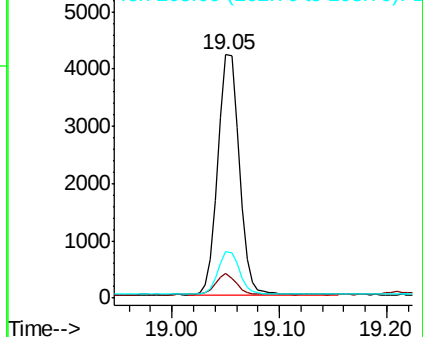
203 16.8 13.8 20.8

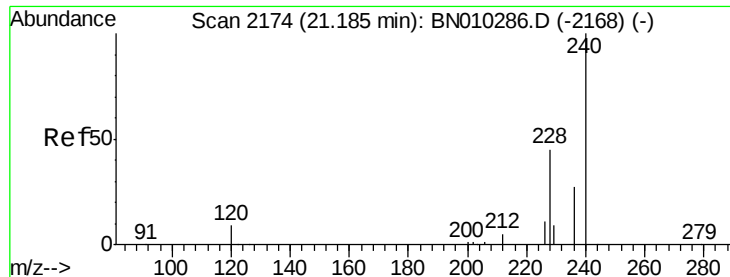


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

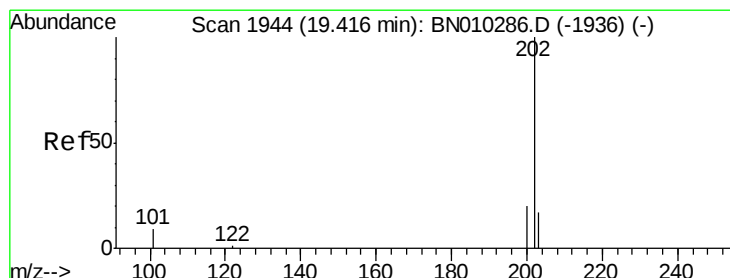
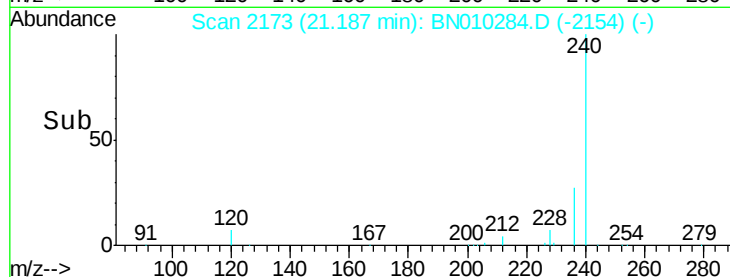
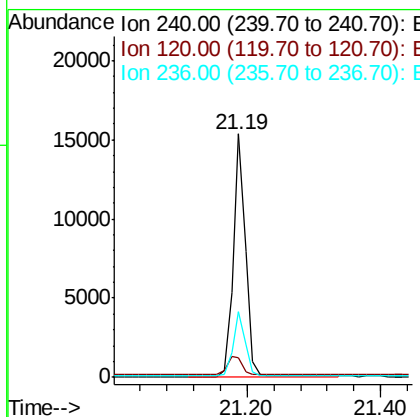
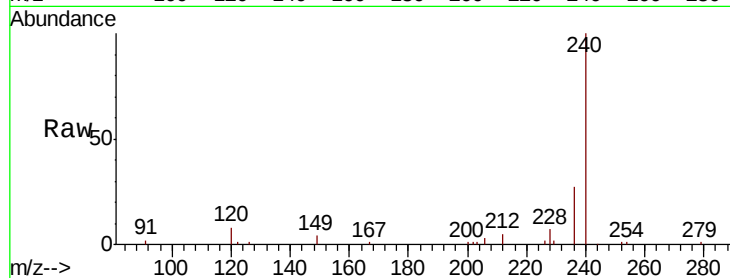




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

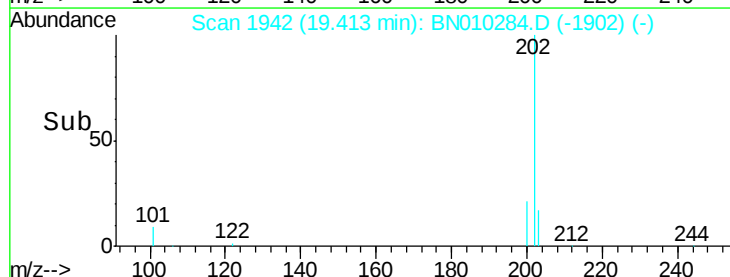
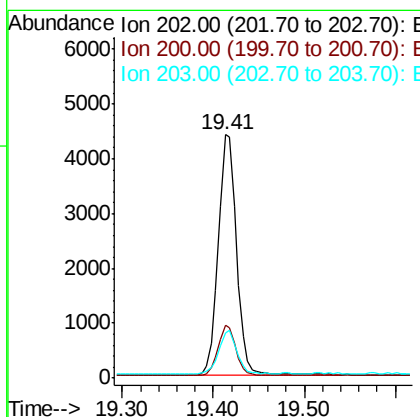
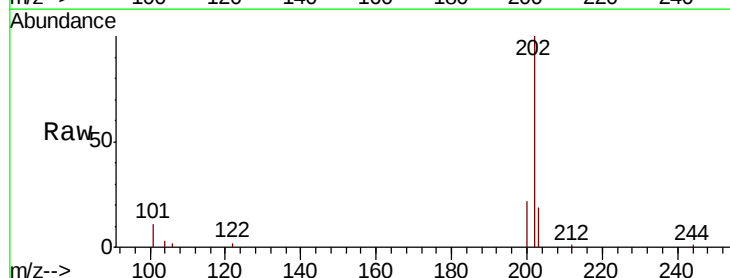
Instrument :
 BNA_N
 ClientSampleId :

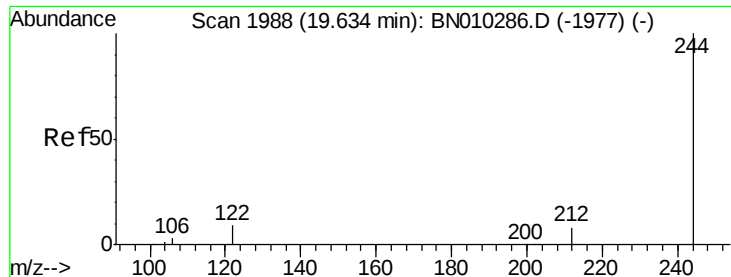
Tot Ion:240 Resp: 19451
 Ion Ratio Lower Upper
 240 100
 120 8.0 7.9 11.9
 236 27.1 22.2 33.4



#28
 Pyrene
 Concen: 0.093 ng
 RT: 19.41 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: BN010284.D
 Acq: 19 Mar 2020 11:04

Tgt Ion:202 Resp: 6021
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.2 24.4
 203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.096 ng

RT: 19.64 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

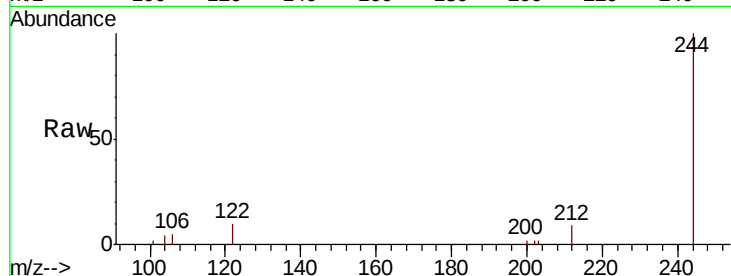
Tot Ion:244 Resp: 4245

Ion Ratio Lower Upper

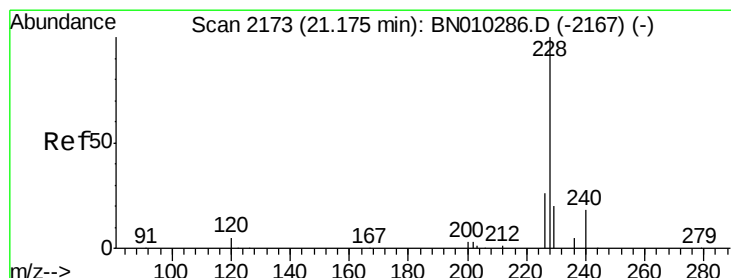
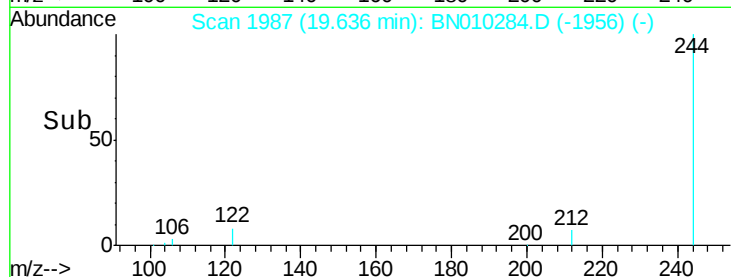
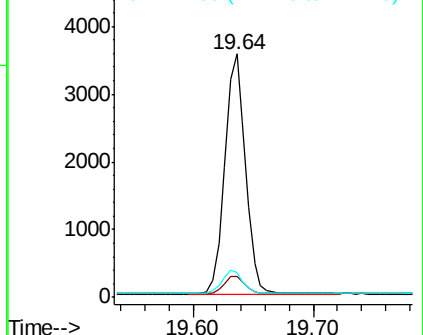
244 100

212 8.8 6.3 9.5

122 9.9 7.6 11.4



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: 0.090 ng

RT: 21.18 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

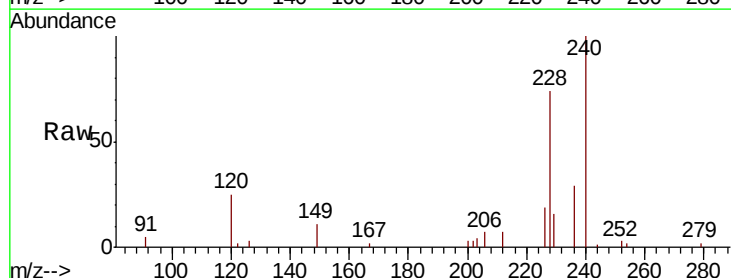
Tgt Ion:228 Resp: 5960

Ion Ratio Lower Upper

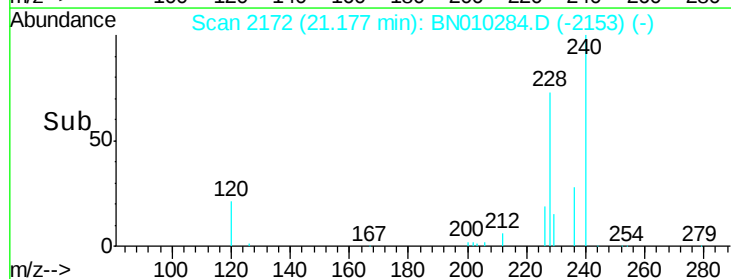
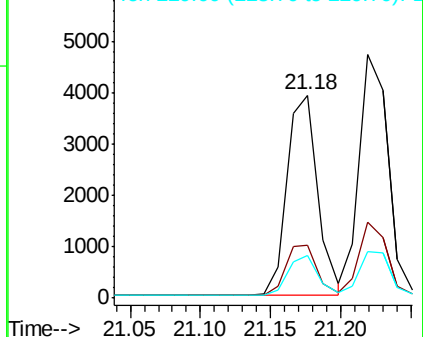
228 100

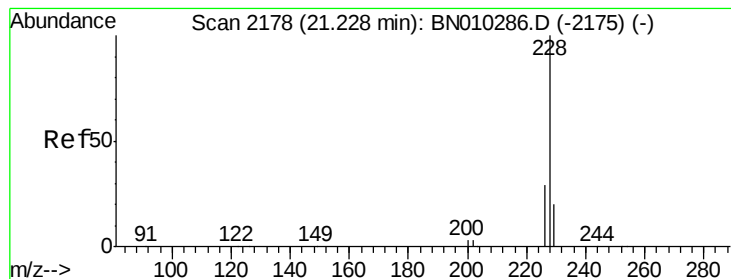
226 26.4 21.0 31.4

229 21.2 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: 0.103 ng

RT: 21.22 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

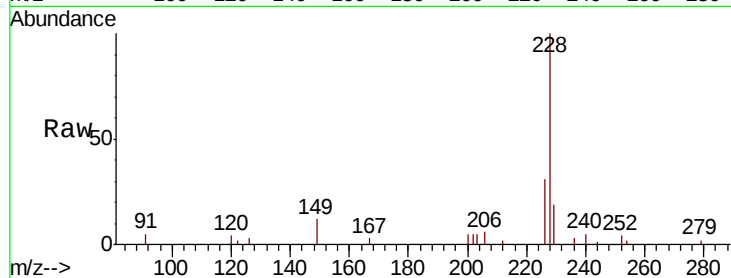
Tot Ion:228 Resp: 6723

Ion Ratio Lower Upper

228 100

226 31.0 23.0 34.6

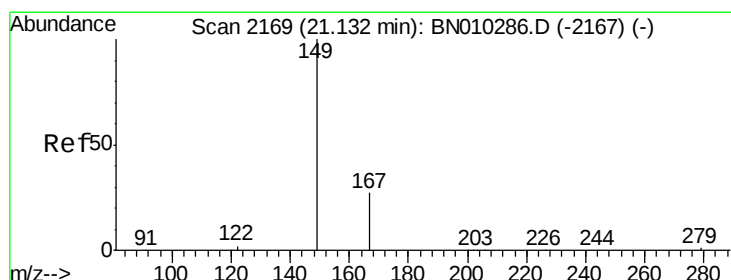
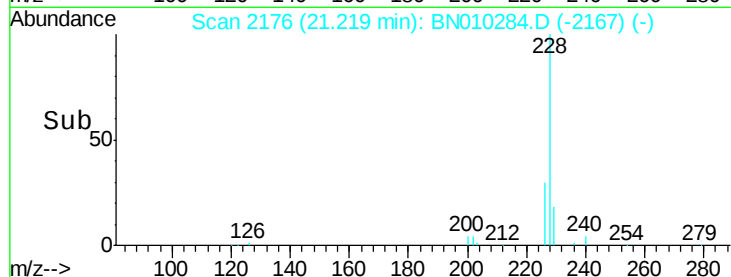
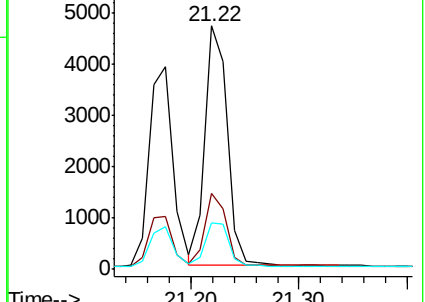
229 19.3 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.073 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

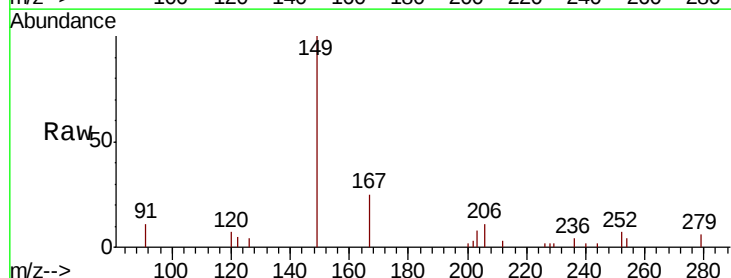
Tgt Ion:149 Resp: 2048

Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.6

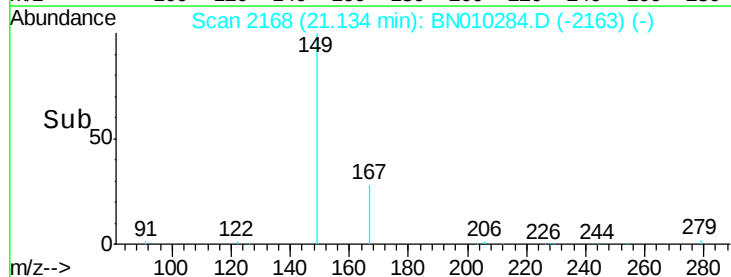
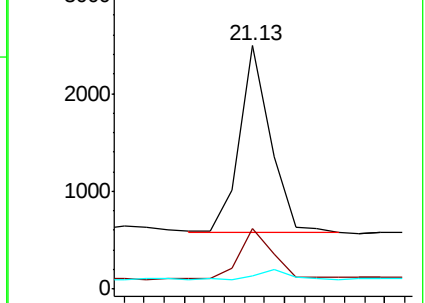
279 5.5 3.8 5.8

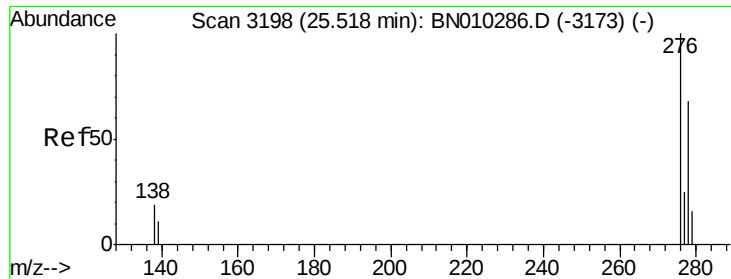


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

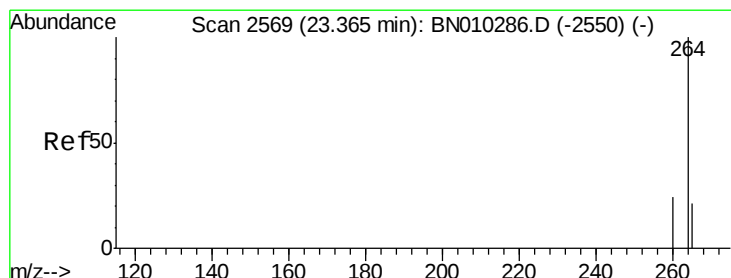
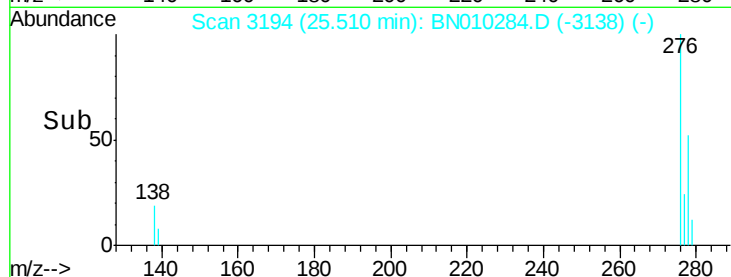
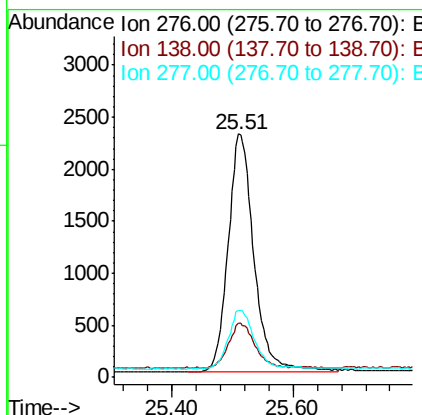
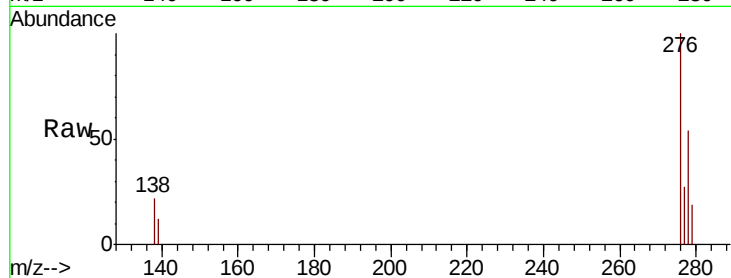




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng
RT: 25.51 min Scan# 3194
Delta R.T. -0.01 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

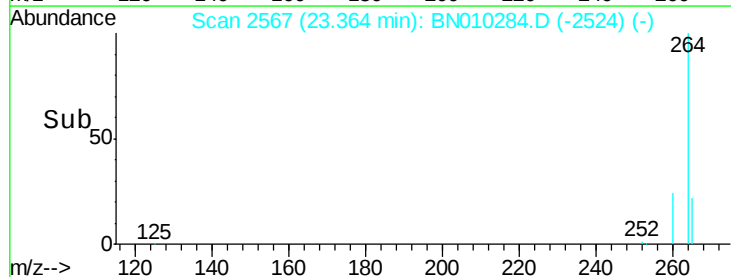
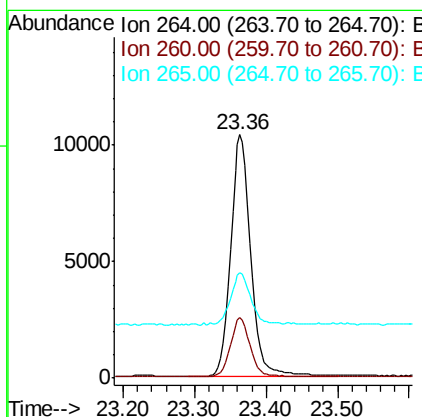
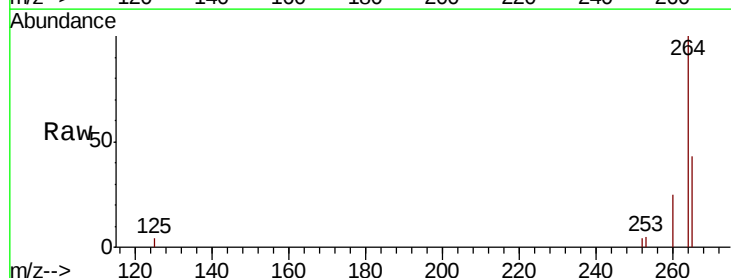
Instrument :
BNA_N
ClientSampleId :

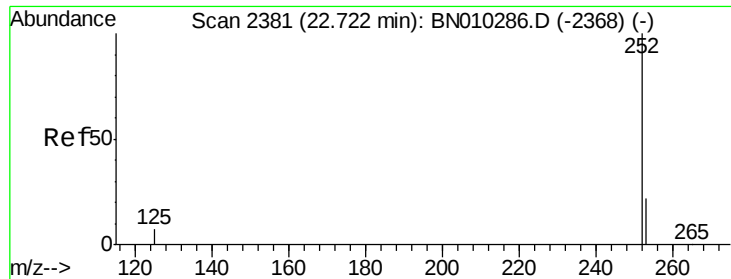
Tot Ion:276 Resp: 6800
Ion Ratio Lower Upper
276 100
138 19.2 15.6 23.4
277 24.5 20.1 30.1



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BN010284.D
Acq: 19 Mar 2020 11:04

Tgt Ion:264 Resp: 20335
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 43.4 32.4 48.6





#35

Benzo(b)fluoranthene

Concen: 0.104 ng

RT: 22.72 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

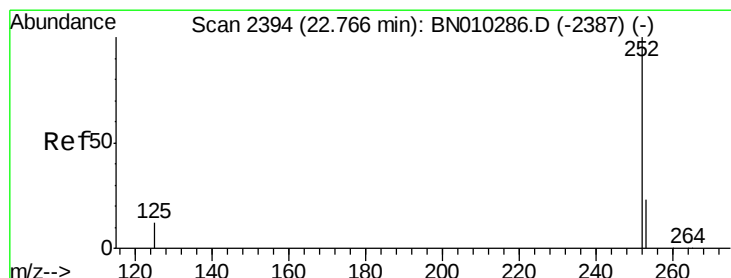
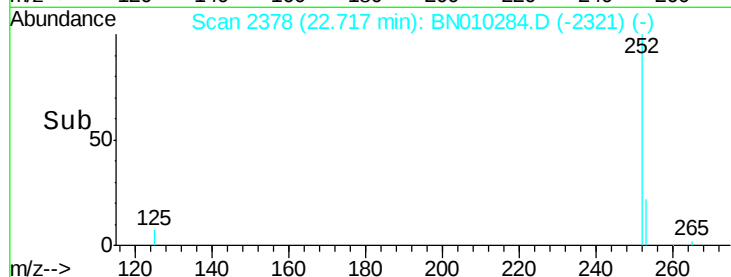
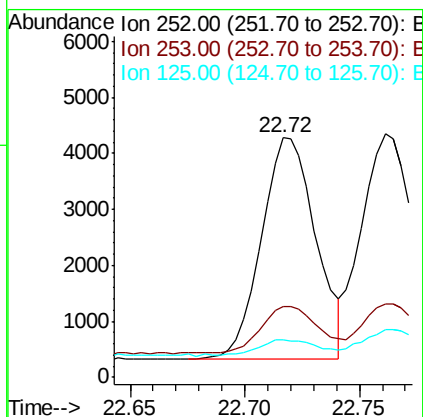
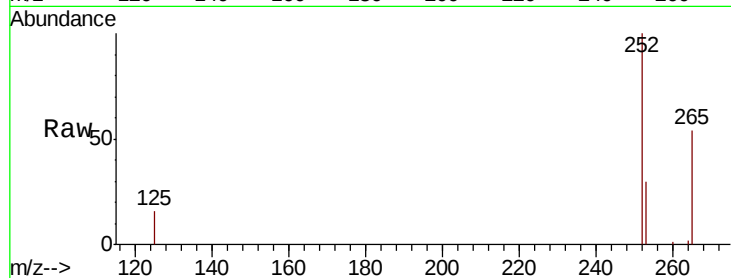
Tot Ion:252 Resp: 6507

Ion Ratio Lower Upper

252 100

253 29.8 19.2 28.8#

125 15.9 7.4 11.0#



#36

Benzo(k)fluoranthene

Concen: 0.104 ng

RT: 22.76 min Scan# 2391

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

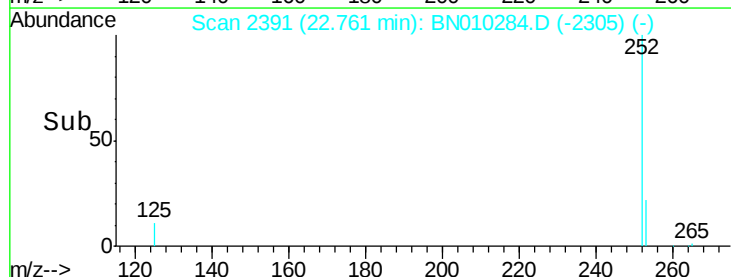
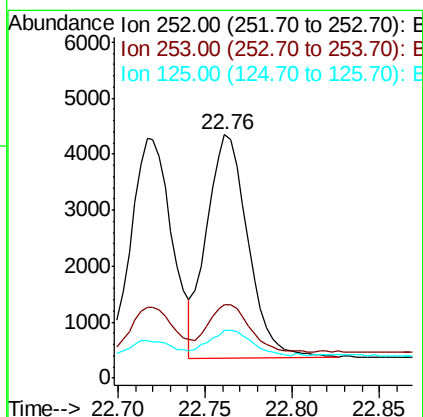
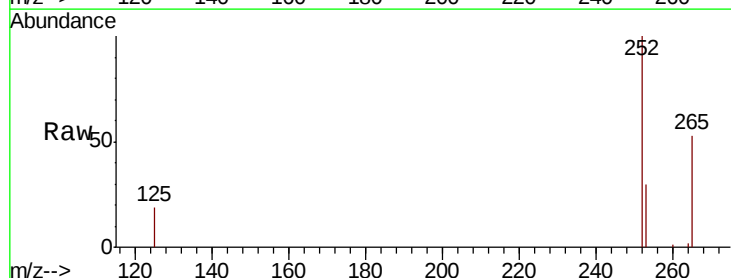
Tgt Ion:252 Resp: 6574

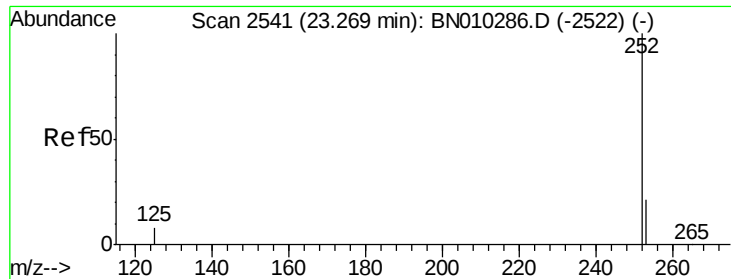
Ion Ratio Lower Upper

252 100

253 30.3 19.4 29.0#

125 19.4 10.2 15.2#





#37

Benzo(a)pyrene

Concen: 0.089 ng

RT: 23.27 min Scan# 2539

Delta R.T. -0.00 min

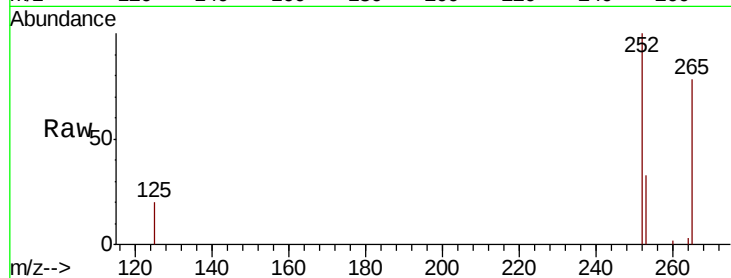
Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :



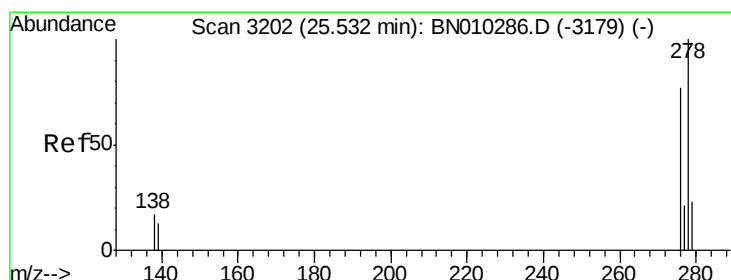
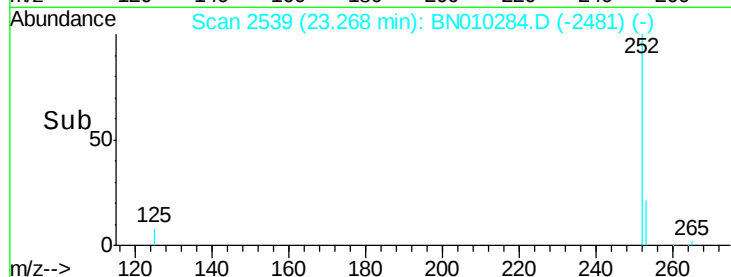
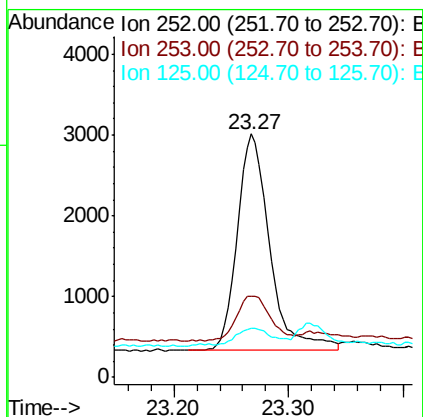
Tot Ion:252 Resp: 5268

Ion Ratio Lower Upper

252 100

253 33.4 19.9 29.9#

125 20.1 8.9 13.3#



#38

Dibenzo(a,h)anthracene

Concen: 0.092 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.01 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

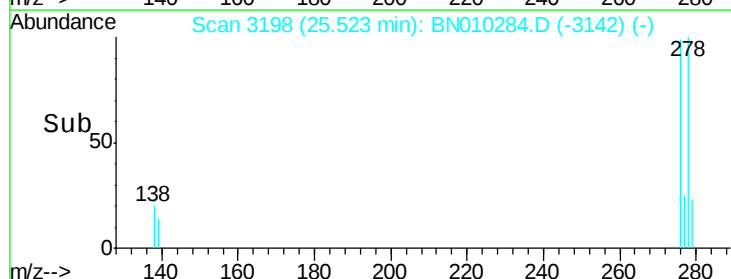
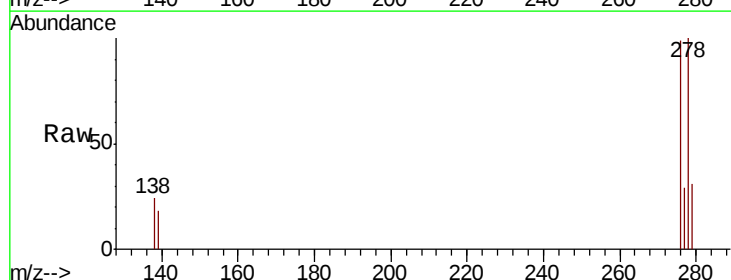
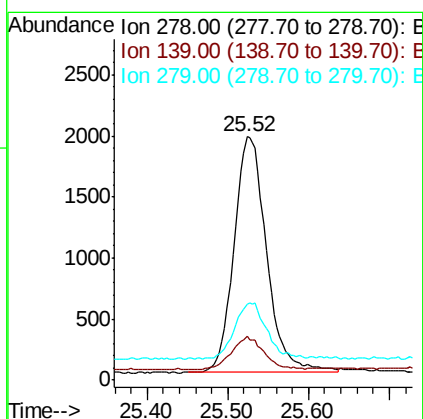
Tgt Ion:278 Resp: 5436

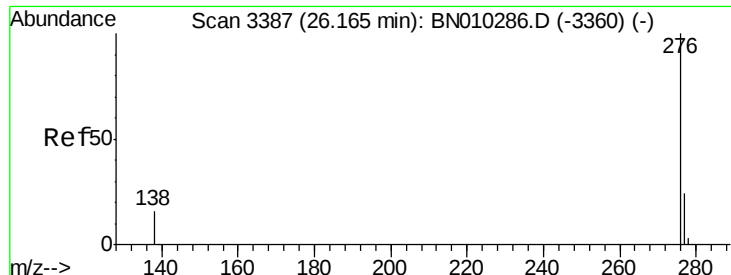
Ion Ratio Lower Upper

278 100

139 17.8 10.6 16.0#

279 31.4 19.8 29.6#





#39

Benzo(a,h,i)perylene

Concen: 0.099 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BN010284.D

Acq: 19 Mar 2020 11:04

Instrument :

BNA_N

ClientSampleId :

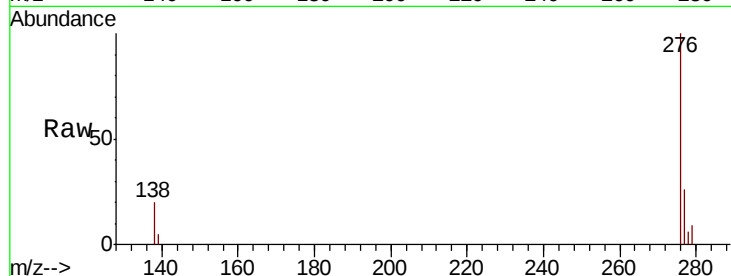
Tot Ion: 276 Resp: 5832

Ion Ratio Lower Upper

276 100

277 26.4 19.6 29.4

138 19.9 13.3 19.9



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

