

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010300.D
 Acq On : 19 Mar 2020 22:15
 Operator : CG/JU
 Sample : L1161-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 01:25:26 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 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3891	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13631	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8188	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19687	0.40	ng	0.00
27) Chrysene-d12	21.19	240	21093	0.40	ng	0.00
34) Perylene-d12	23.36	264	21586	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2996	0.39	ng	0.00
5) Phenol-d6	6.80	99	3658	0.38	ng	0.00
8) Nitrobenzene-d5	8.74	82	3170	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	7456	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	975	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	12101	0.39	ng	0.00
25) Fluoranthene-d10	19.02	212	19957	0.34	ng	0.00
29) Terphenyl-d14	19.63	244	17508	0.38	ng	0.00

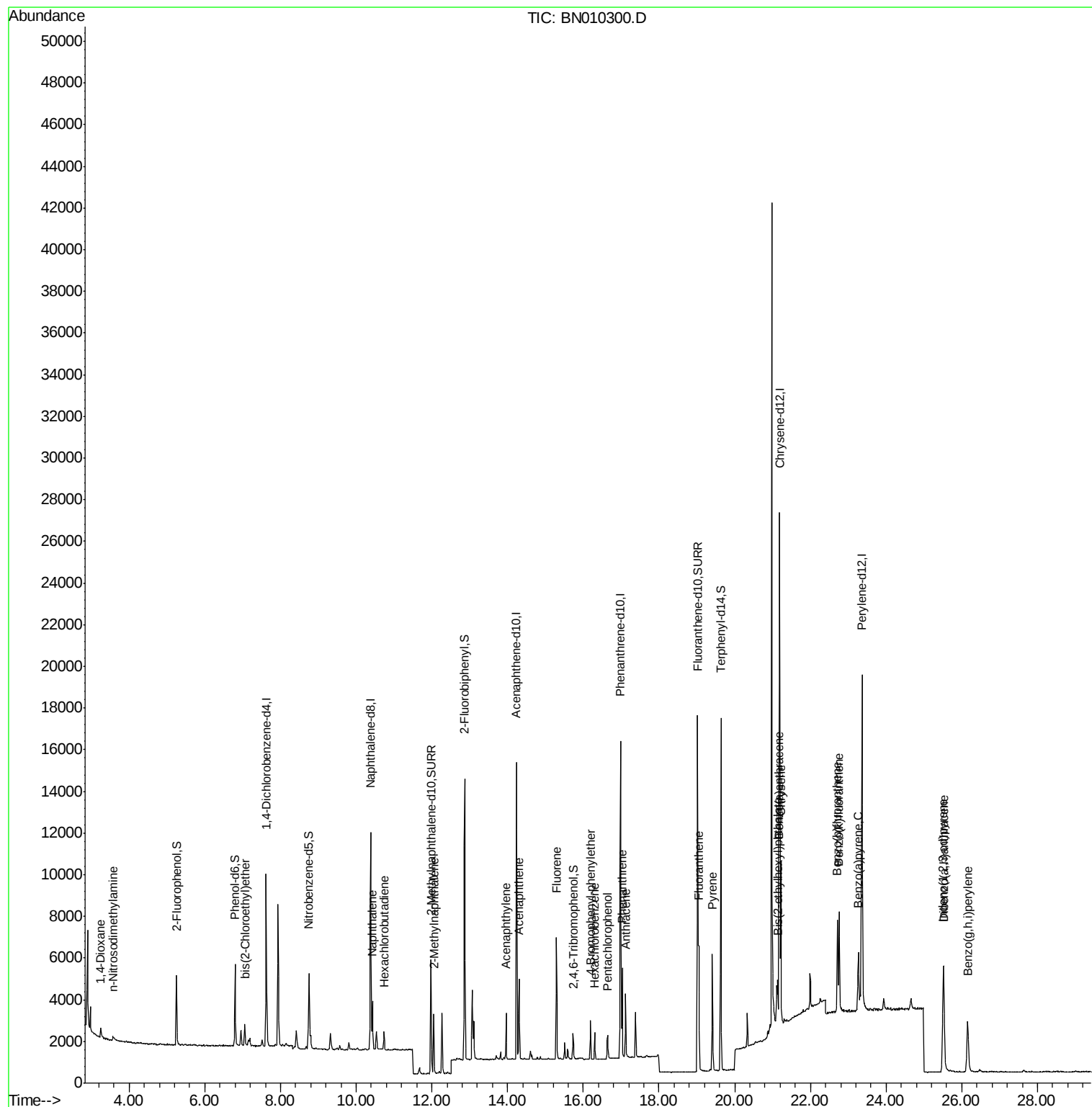
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	283	0.077	ng	# 76
3) n-Nitrosodimethylamine	3.58	42	174	0.056	ng	# 96
6) bis(2-Chloroethyl)ether	7.06	93	848	0.092	ng	97
9) Naphthalene	10.43	128	3027	0.089	ng	# 94
10) Hexachlorobutadiene	10.73	225	694	0.084	ng	# 98
12) 2-Methylnaphthalene	12.05	142	2074	0.088	ng	96
16) Acenaphthylene	13.96	152	2424	0.075	ng	99
17) Acenaphthene	14.30	154	1824	0.080	ng	95
18) Fluorene	15.29	166	2425	0.080	ng	98
20) 4-Bromophenyl-phenylether	16.19	248	893	0.075	ng	98
21) Hexachlorobenzene	16.31	284	1030	0.084	ng	98
22) Pentachlorophenol	16.65	266	642	0.153	ng	95
23) Phenanthrene	17.03	178	4419	0.082	ng	98
24) Anthracene	17.11	178	3554	0.077	ng	99
26) Fluoranthene	19.05	202	5339	0.081	ng	100
28) Pyrene	19.42	202	5236	0.080	ng	99
30) Benzo(a)anthracene	21.16	228	5454	0.081	ng	98
31) Chrysene	21.22	228	6135	0.085	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	1836	0.081	ng	97
33) Indeno(1,2,3-cd)pyrene	25.51	276	6210	0.080	ng	99
35) Benzo(b)fluoranthene	22.71	252	5478	0.075	ng	# 85
36) Benzo(k)fluoranthene	22.76	252	5878	0.079	ng	# 81
37) Benzo(a)pyrene	23.26	252	4446	0.072	ng	# 74
38) Dibenzo(a,h)anthracene	25.52	278	5096	0.076	ng	# 86
39) Benzo(g,h,i)perylene	26.16	276	5328	0.079	ng	# 93

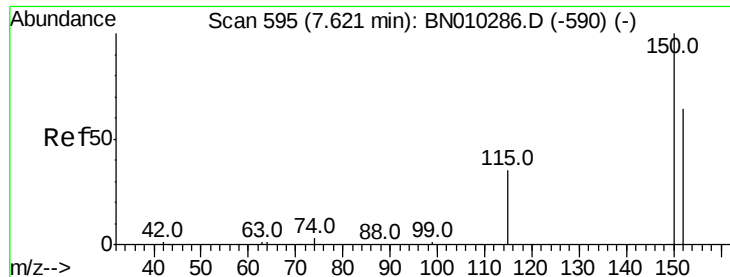
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 595

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampled :

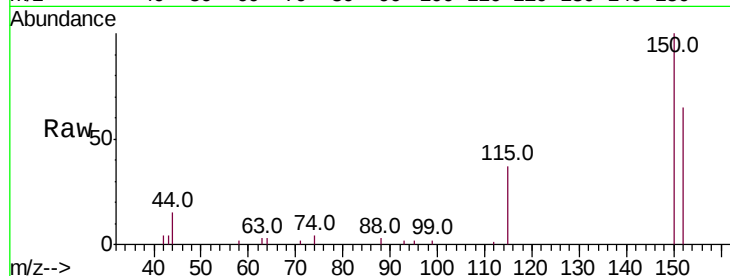
Tot Ion:152 Resp: 3891

Ion Ratio Lower Upper

152 100

150 152.9 123.1 184.7

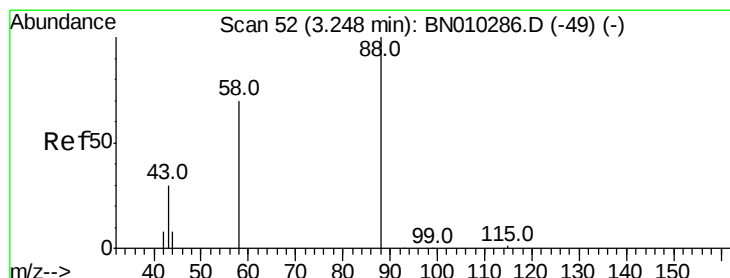
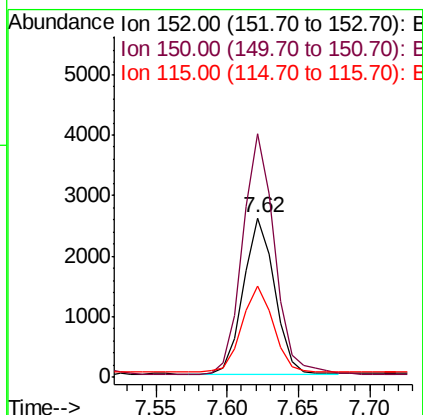
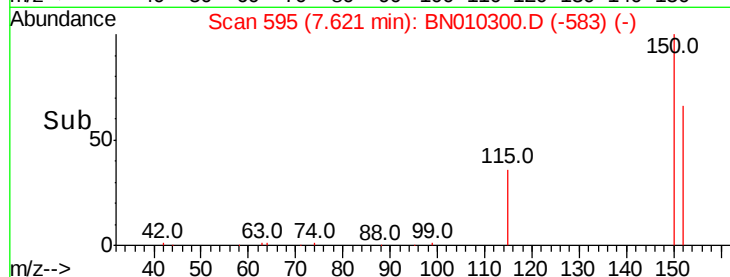
115 57.0 45.2 67.8



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



#2

1,4-Dioxane

Concen: 0.077 ng

RT: 3.26 min Scan# 53

Delta R.T. 0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

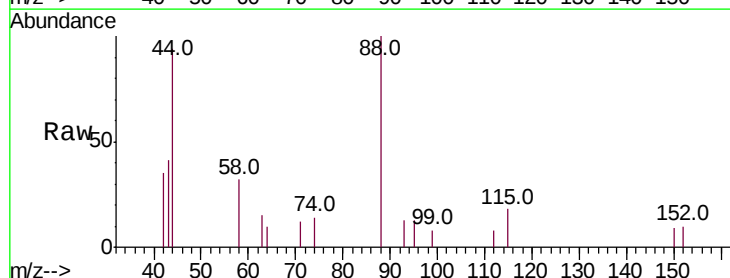
Tgt Ion: 88 Resp: 283

Ion Ratio Lower Upper

88 100

58 80.9 51.7 77.5#

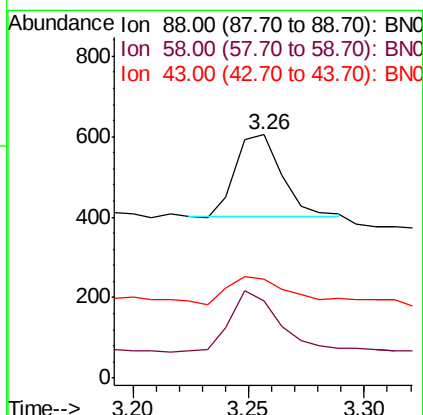
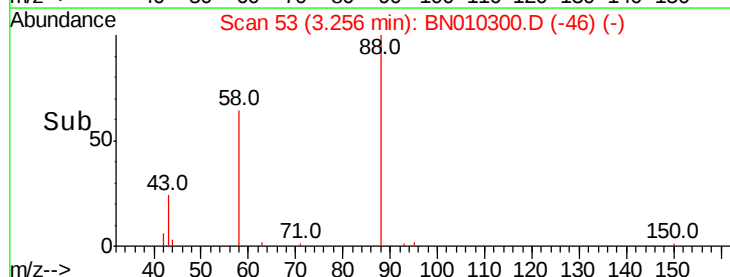
43 42.0 21.2 31.8#

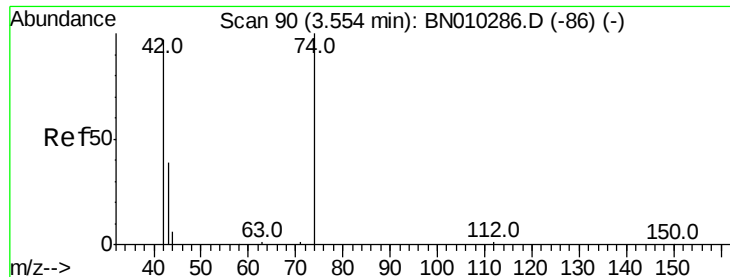


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC

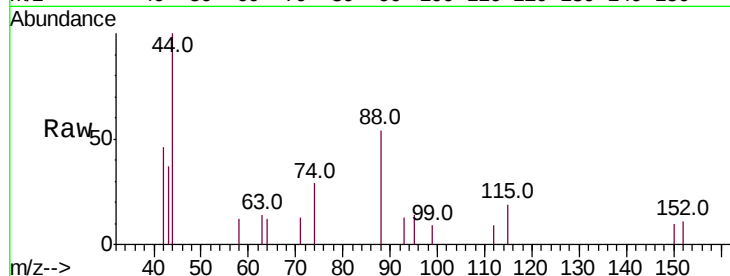




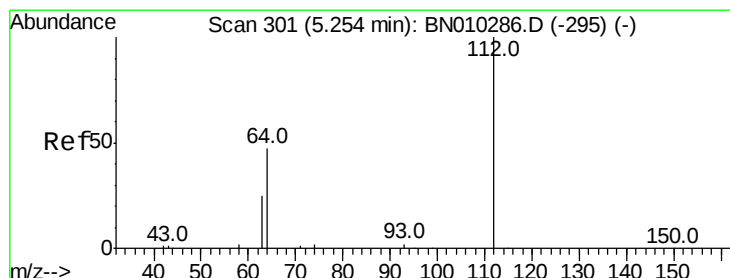
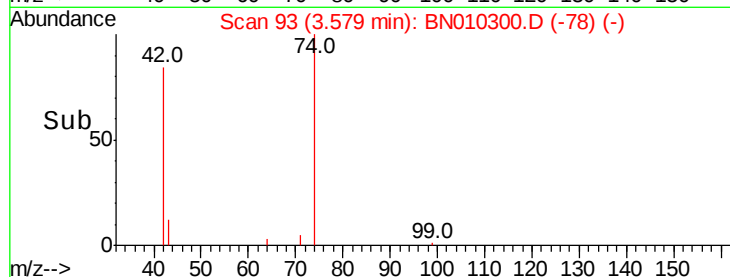
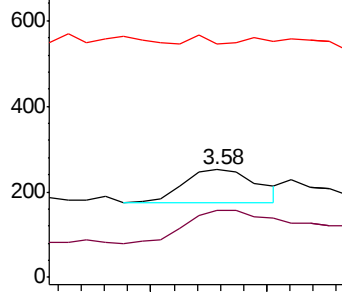
#3
n-Nitrosodimethylamine
Concen: 0.056 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.02 min
Lab File: BN010300.D
Acq: 19 Mar 2020 22:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 42 Resp: 174
Ion Ratio Lower Upper
42 100
74 119.5 99.4 149.0
44 7.5 4.8 7.2#

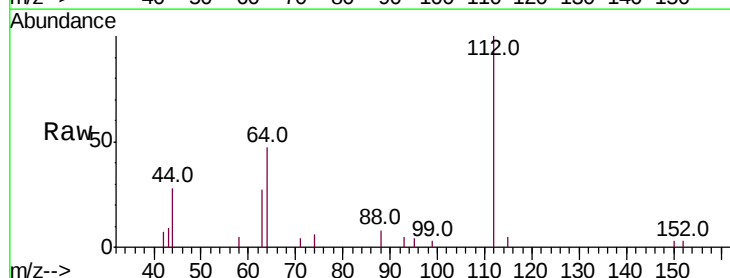


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

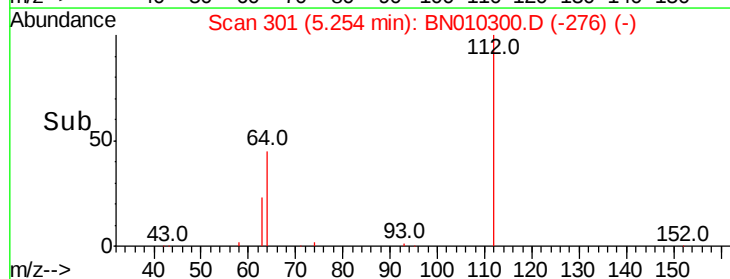
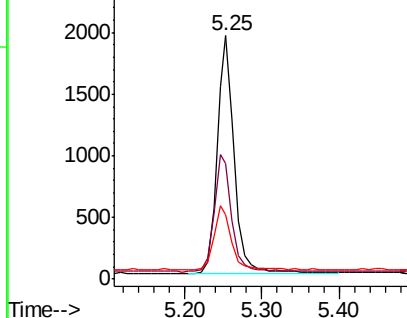


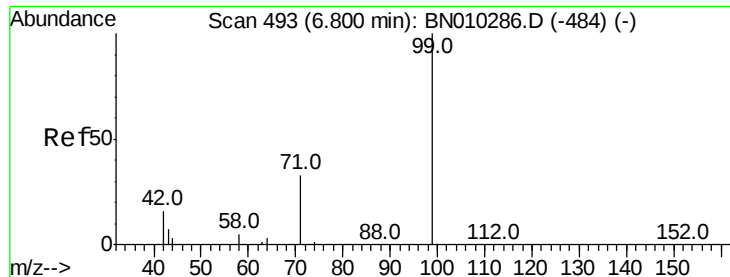
#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010300.D
Acq: 19 Mar 2020 22:15

Tgt Ion: 112 Resp: 2996
Ion Ratio Lower Upper
112 100
64 51.0 41.4 62.2
63 27.6 22.9 34.3



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: 0.382 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

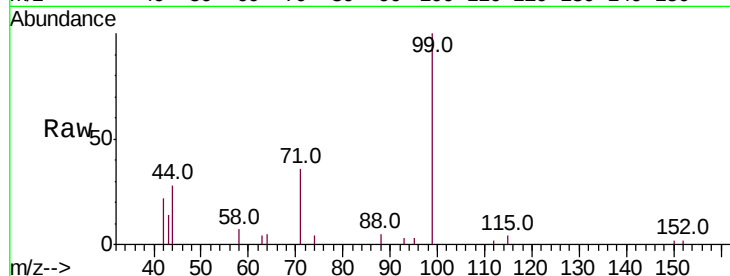
Tot Ion: 99 Resp: 3658

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

71 34.8 27.3 40.9



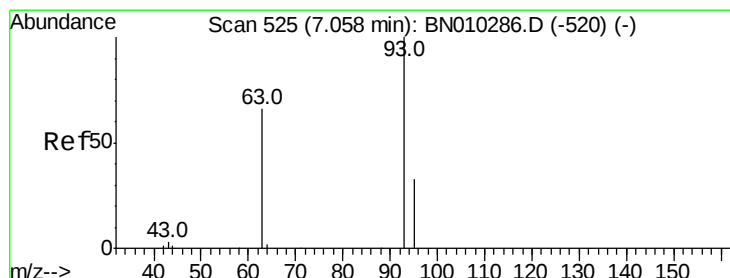
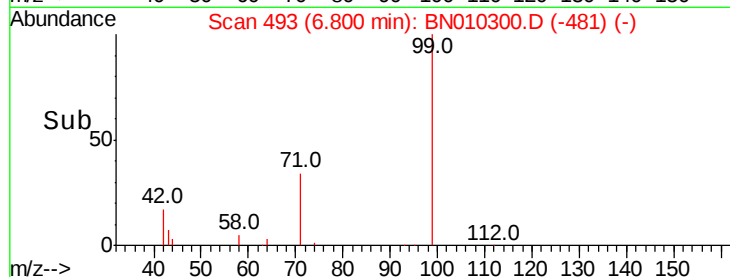
Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)

6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.092 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

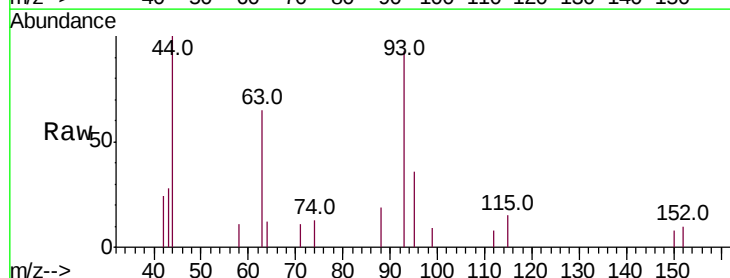
Tgt Ion: 93 Resp: 848

Ion Ratio Lower Upper

93 100

63 67.2 55.6 83.4

95 31.5 26.2 39.4



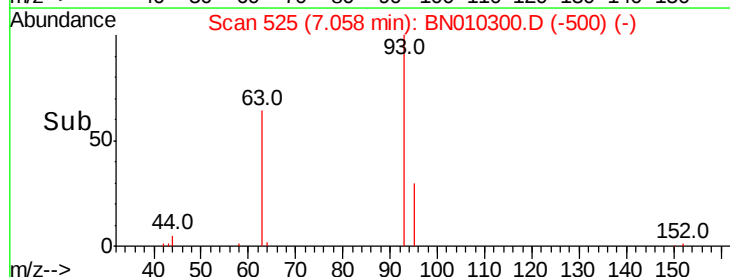
Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

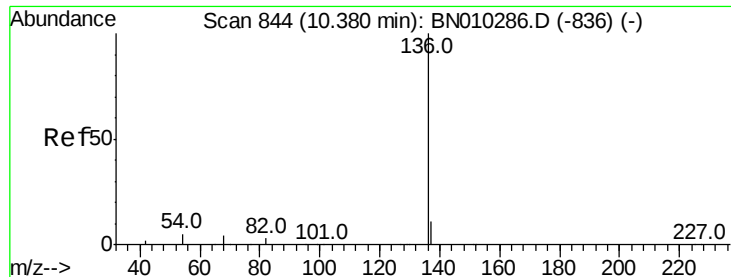
Ion 63.00 (62.70 to 63.70): BN010286.D (-520) (-)

Ion 95.00 (94.70 to 95.70): BN010286.D (-520) (-)

7.06

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13631

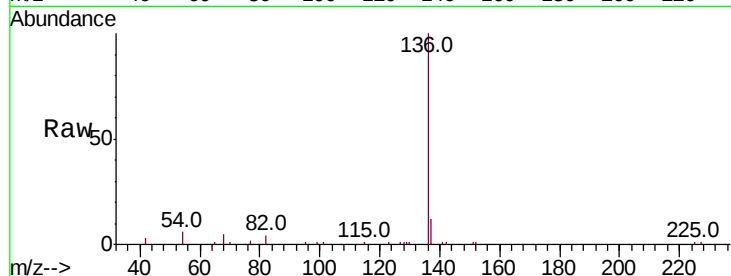
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 5.6 4.8 7.2

68 5.0 4.1 6.1

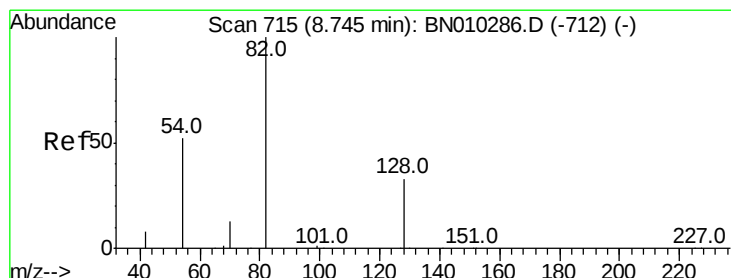
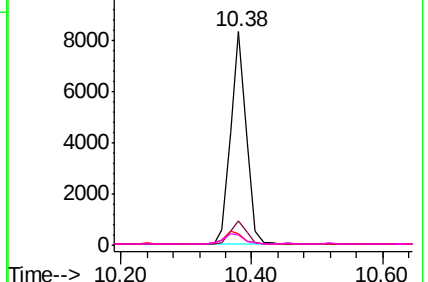
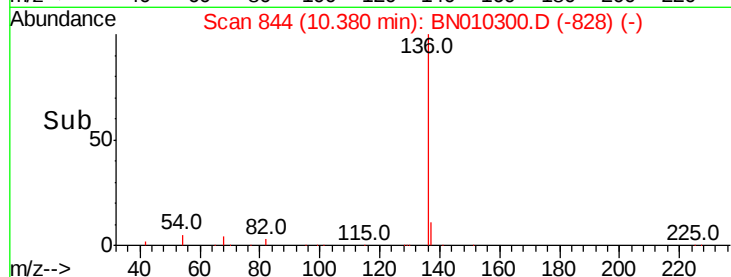


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

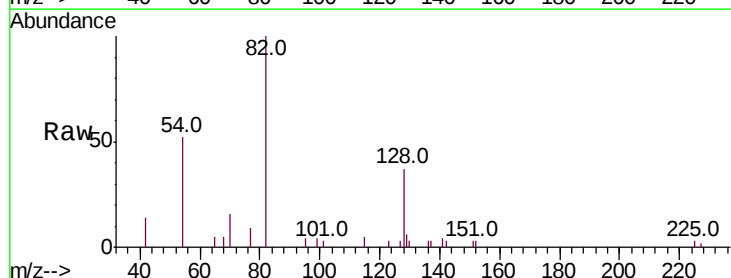
Tgt Ion: 82 Resp: 3170

Ion Ratio Lower Upper

82 100

128 36.7 28.8 43.2

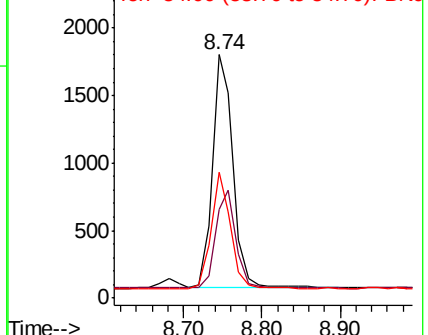
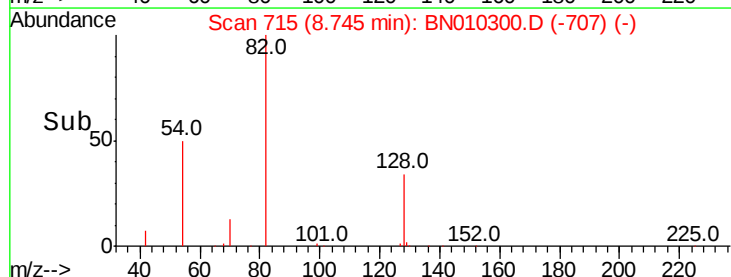
54 51.9 42.1 63.1

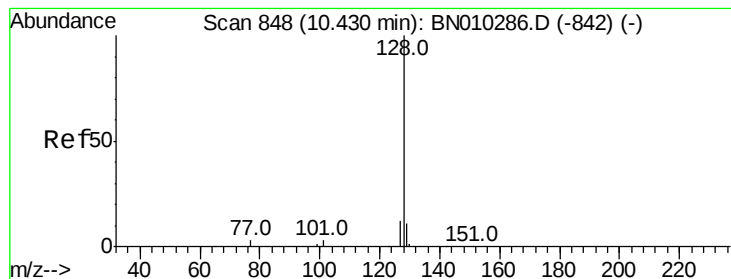


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.089 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampled :

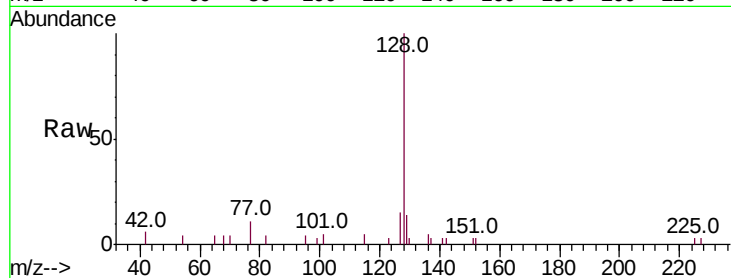
Tot Ion:128 Resp: 3027

Ion Ratio Lower Upper

128 100

129 13.8 9.1 13.7#

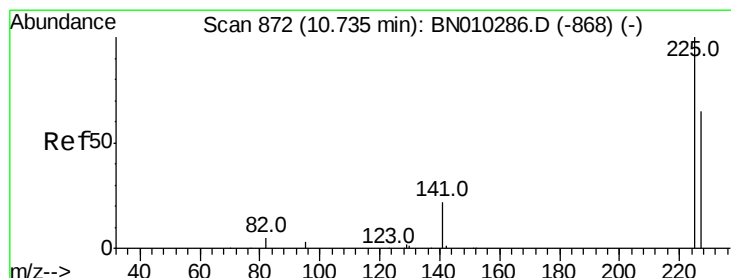
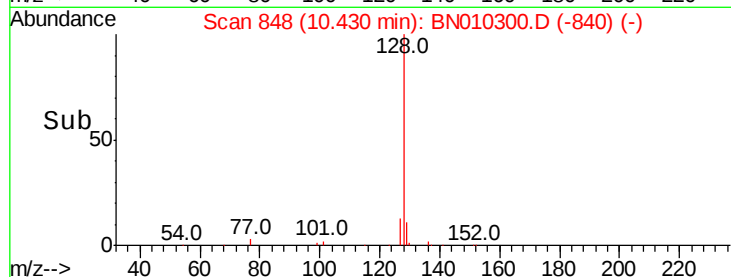
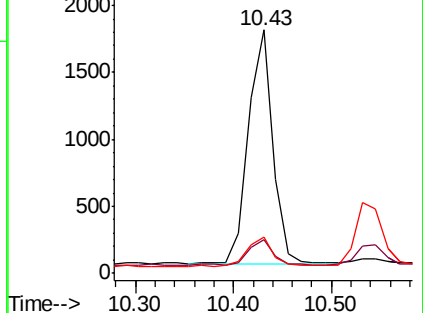
127 15.1 10.4 15.6



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: 0.084 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

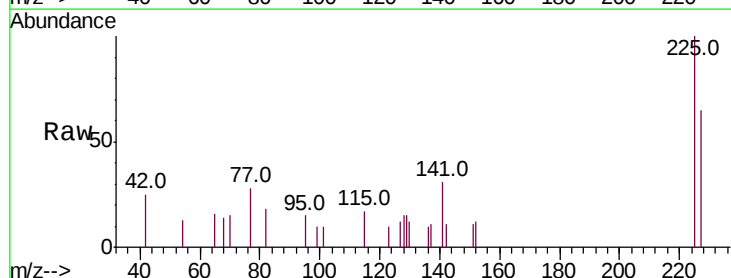
Tgt Ion:225 Resp: 694

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

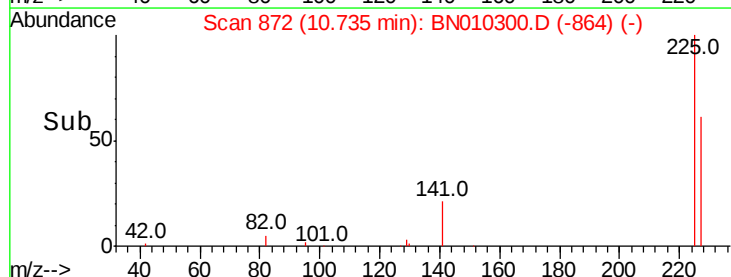
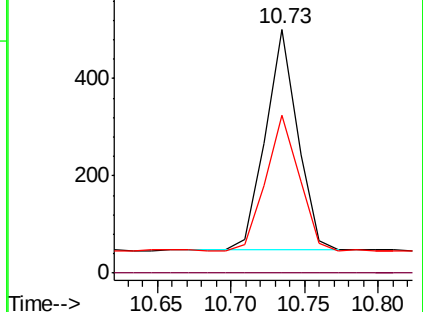
227 63.7 51.9 77.9

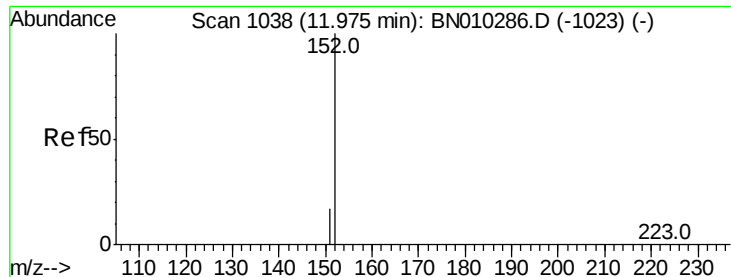


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

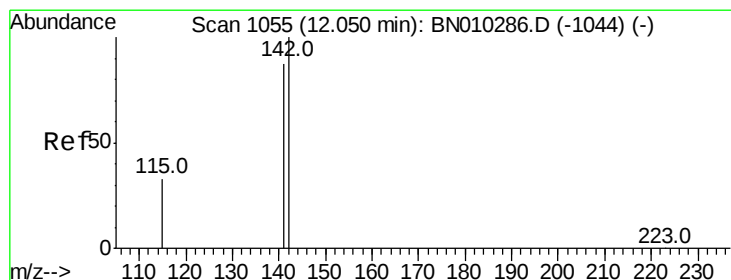
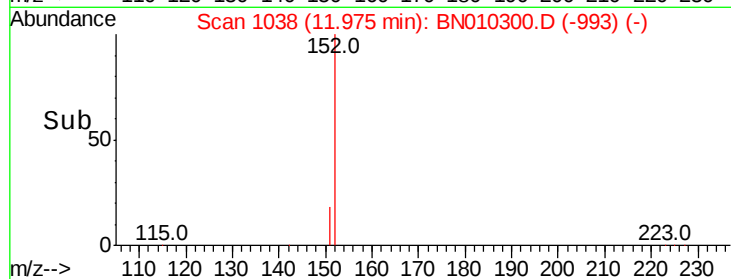
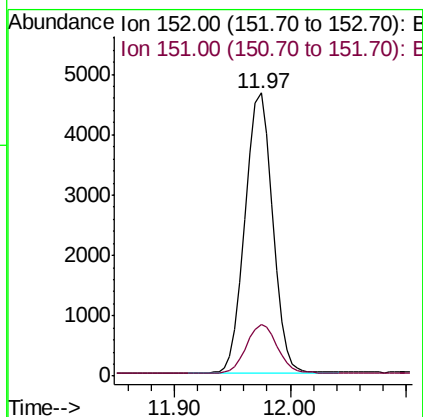
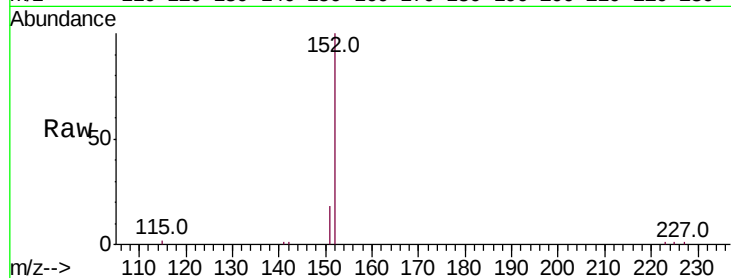




#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BN010300.D
Acq: 19 Mar 2020 22:15

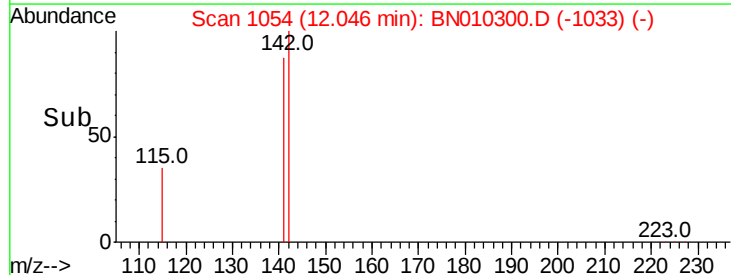
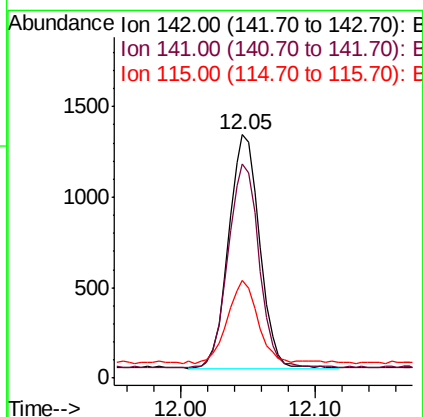
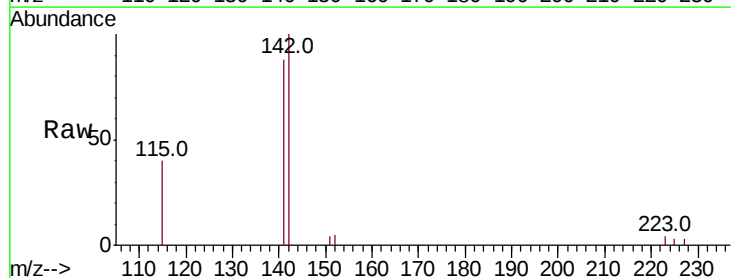
Instrument :
BNA_N
ClientSampled :

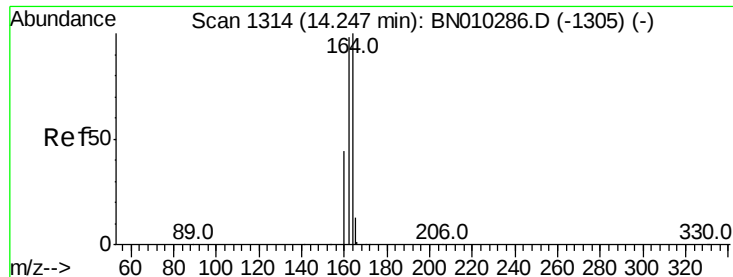
Tot Ion:152 Resp: 7456
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2



#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010300.D
Acq: 19 Mar 2020 22:15

Tgt Ion:142 Resp: 2074
Ion Ratio Lower Upper
142 100
141 88.0 69.5 104.3
115 40.0 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

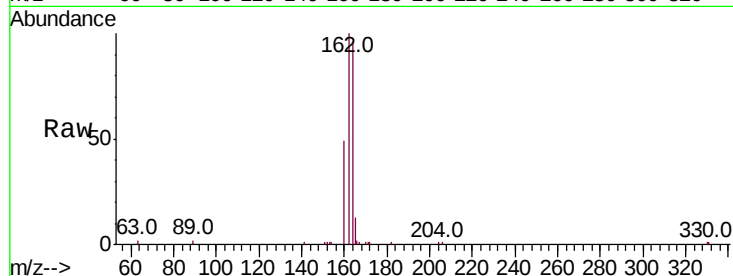
Tot Ion:164 Resp: 8188

Ion Ratio Lower Upper

164 100

162 103.9 78.2 117.2

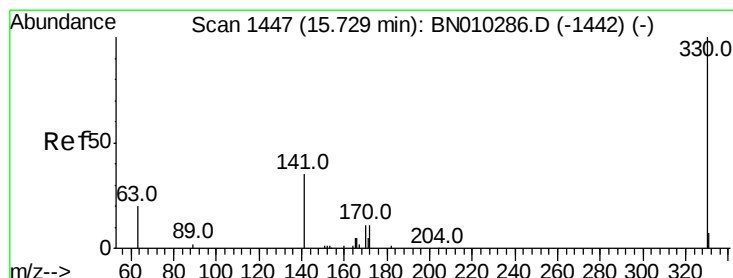
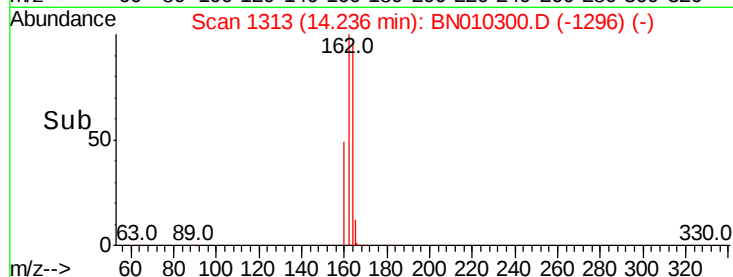
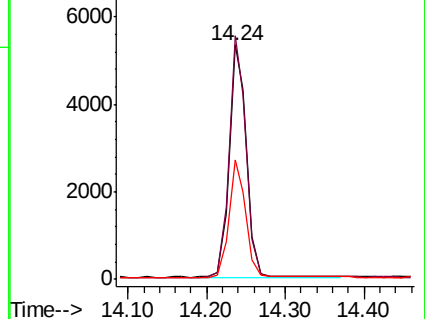
160 51.0 35.8 53.6



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: 0.310 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

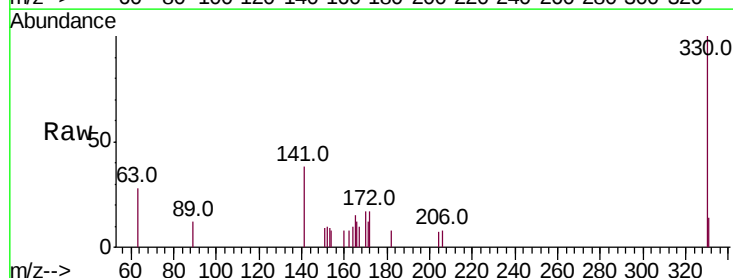
Tgt Ion:330 Resp: 975

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

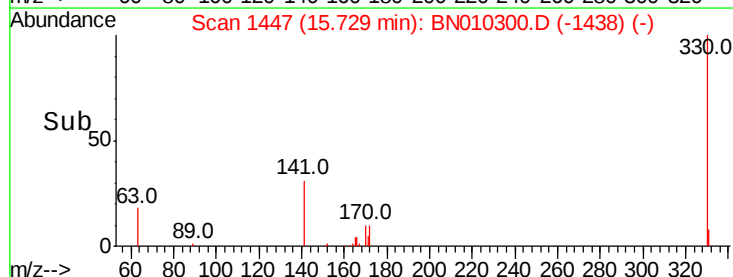
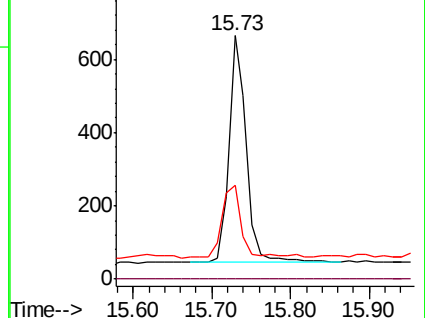
141 35.1 29.3 43.9

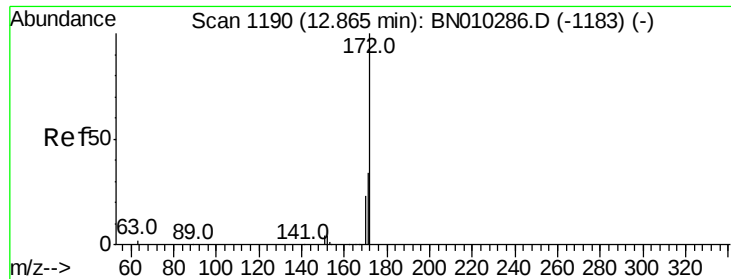


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

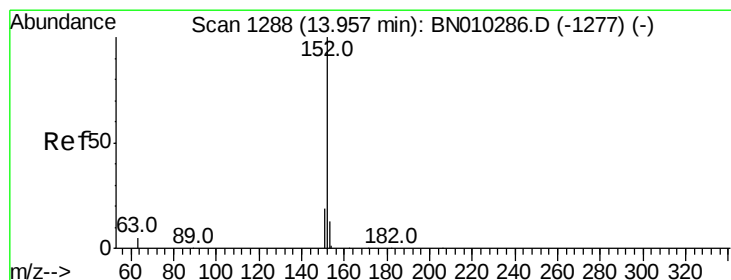
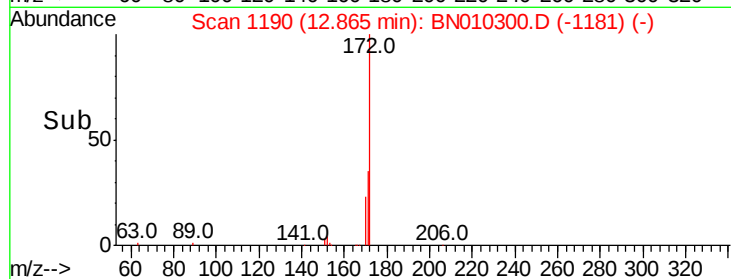
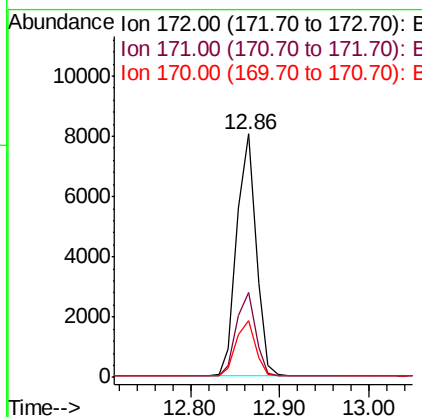
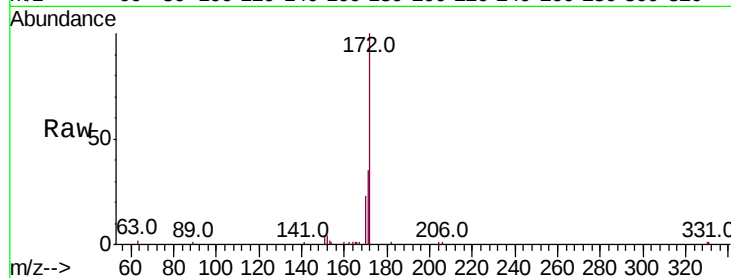




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010300.D
Acq: 19 Mar 2020 22:15

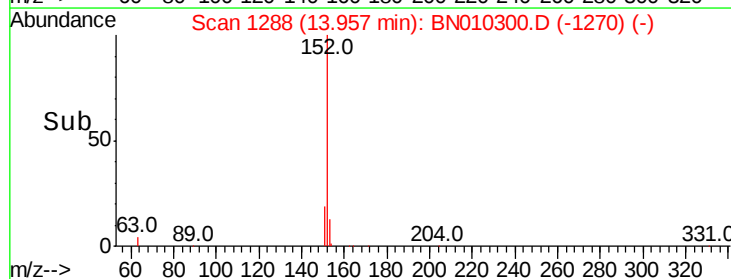
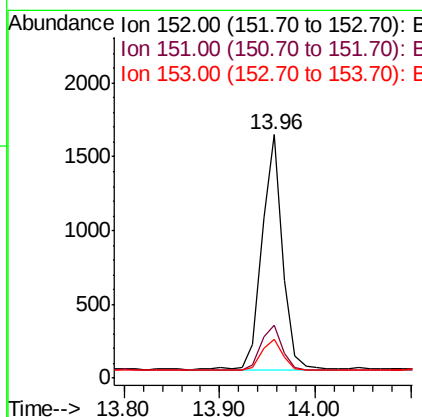
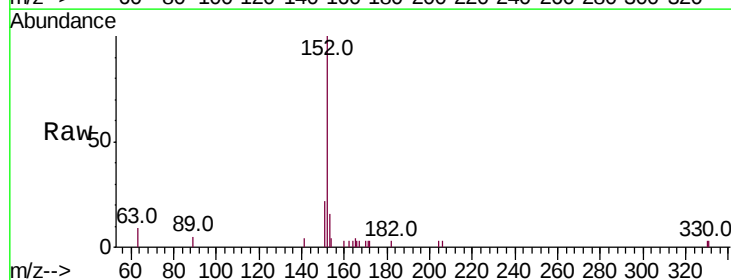
Instrument :
BNA_N
ClientSampleId :

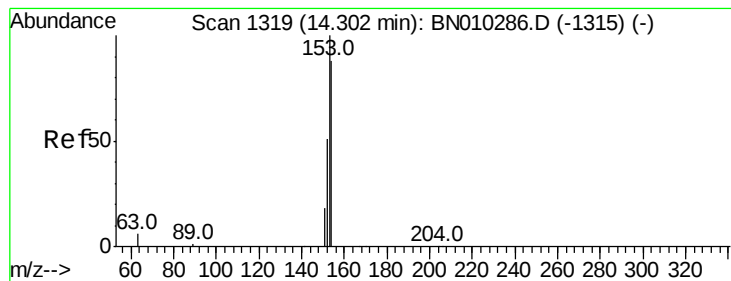
Tot Ion:172 Resp: 12101
Ion Ratio Lower Upper
172 100
171 35.1 27.6 41.4
170 23.0 18.5 27.7



#16
Acenaphthylene
Concen: 0.075 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010300.D
Acq: 19 Mar 2020 22:15

Tgt Ion:152 Resp: 2424
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 14.1 10.6 15.8





#17

Acenaphthene

Concen: 0.080 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

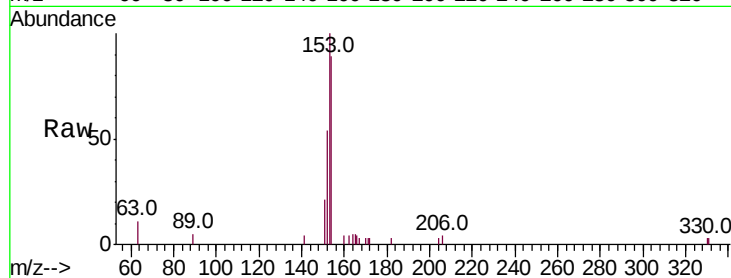
Tot Ion:154 Resp: 1824

Ion Ratio Lower Upper

154 100

153 114.9 88.1 132.1

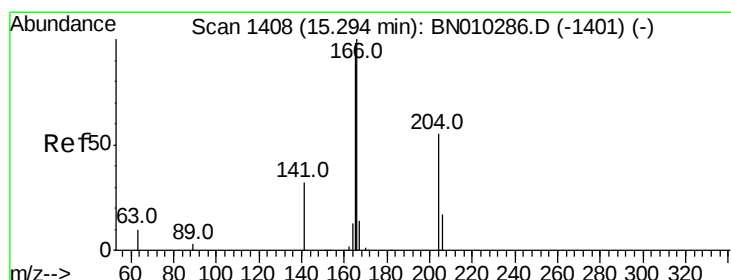
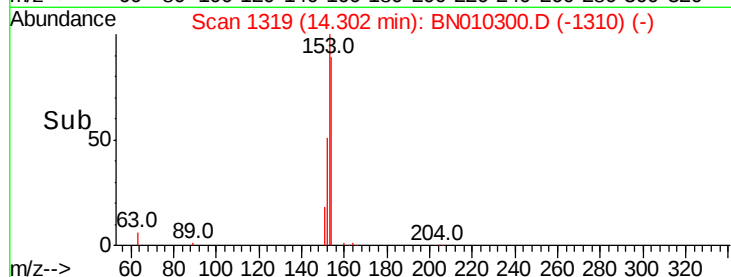
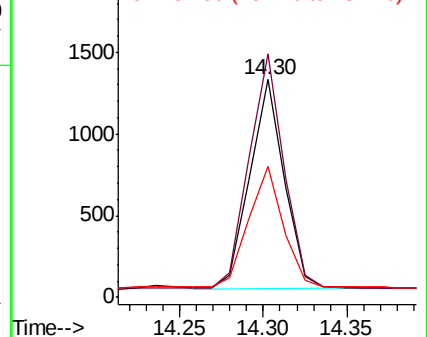
152 60.4 45.5 68.3



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: 0.080 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

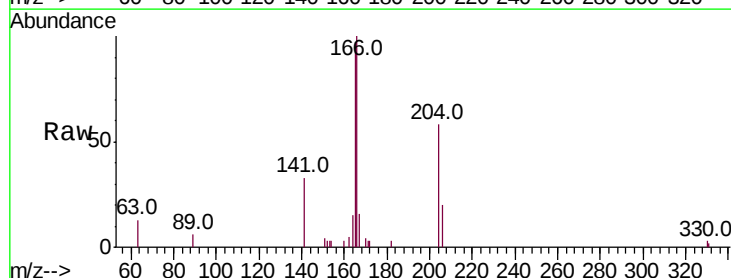
Tgt Ion:166 Resp: 2425

Ion Ratio Lower Upper

166 100

165 96.7 78.7 118.1

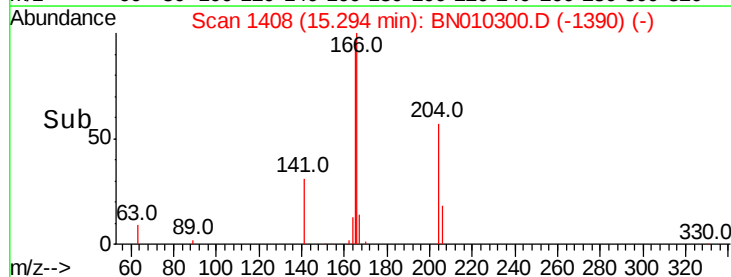
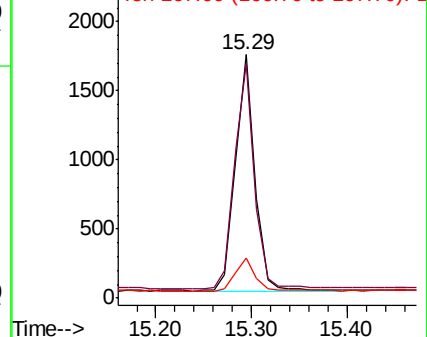
167 13.8 11.0 16.4

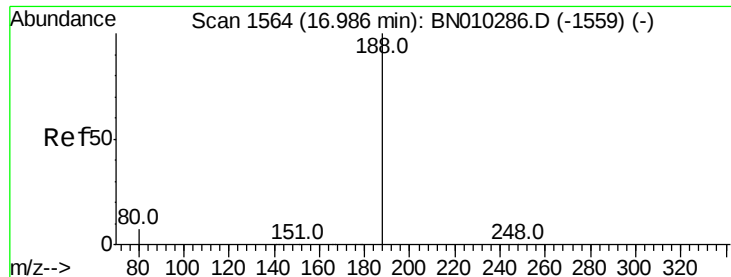


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

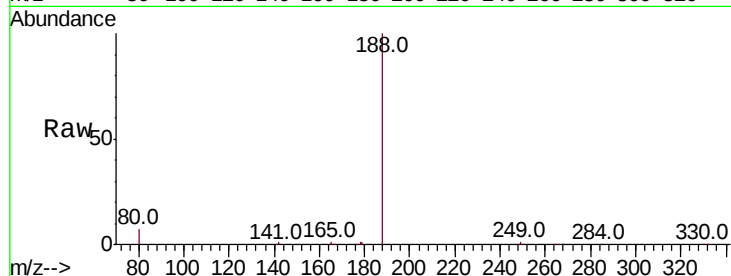
Tot Ion:188 Resp: 19687

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

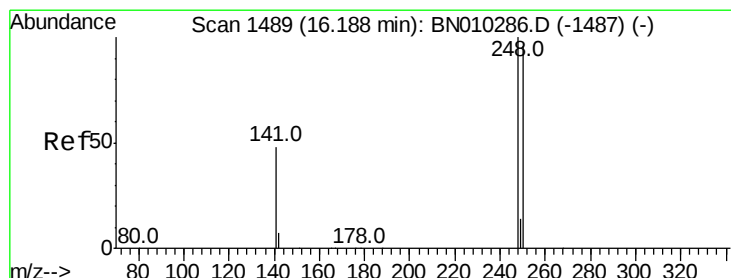
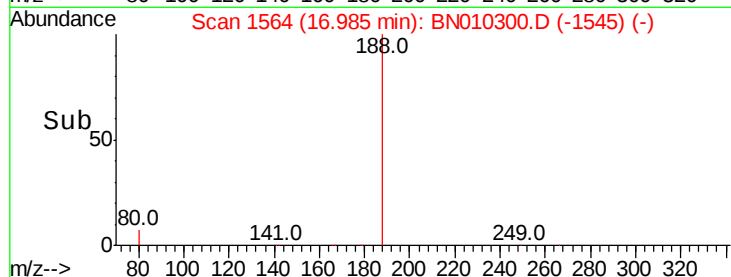
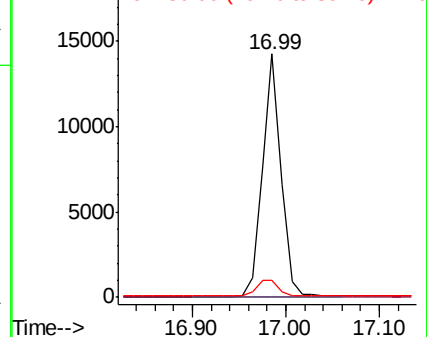
80 7.1 6.0 9.0



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: 0.075 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

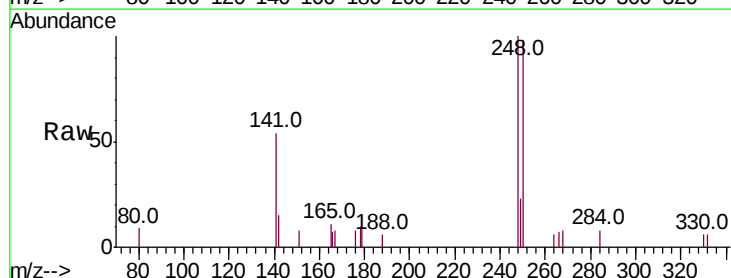
Tgt Ion:248 Resp: 893

Ion Ratio Lower Upper

248 100

250 98.2 76.8 115.2

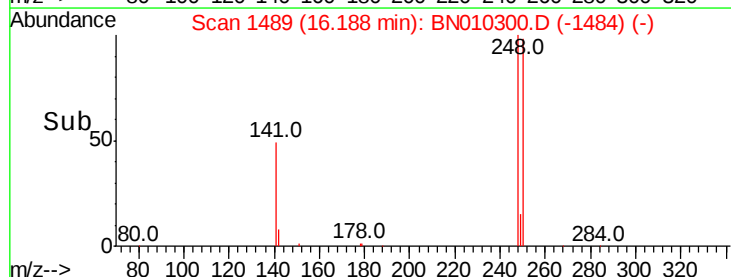
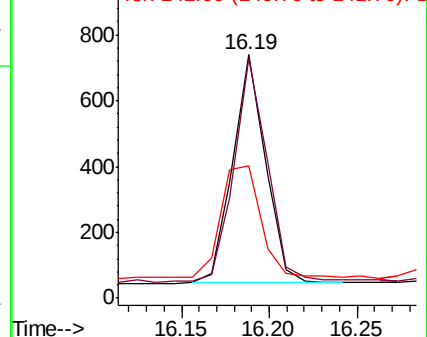
141 54.3 44.4 66.6

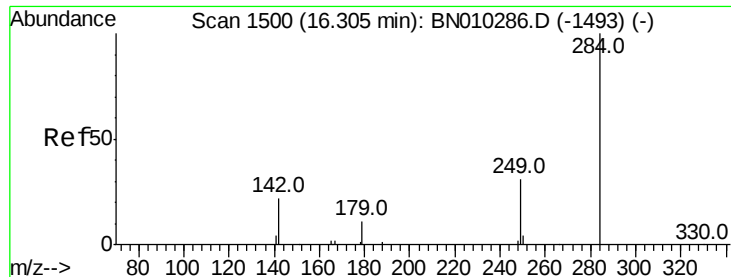


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.084 ng

RT: 16.31 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampled :

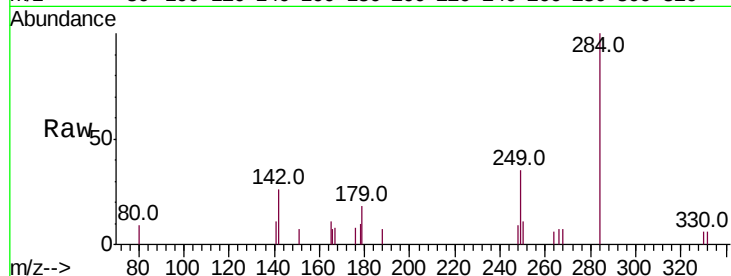
Tot Ion:284 Resp: 1030

Ion Ratio Lower Upper

284 100

142 36.1 27.4 41.2

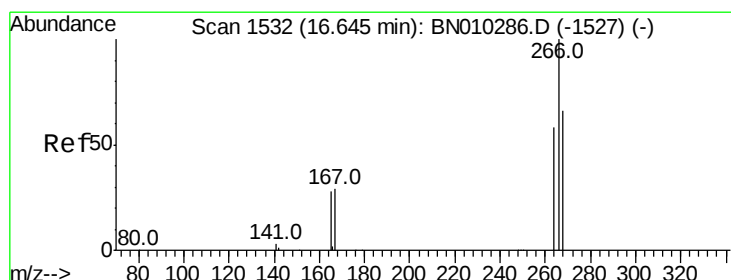
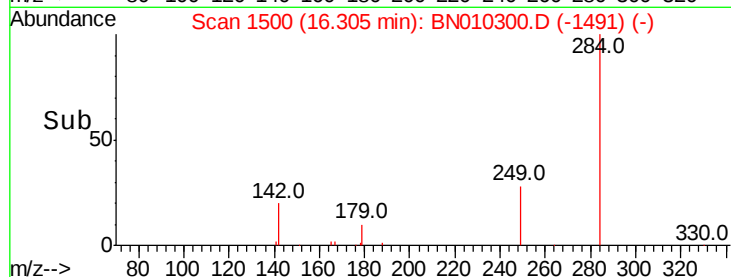
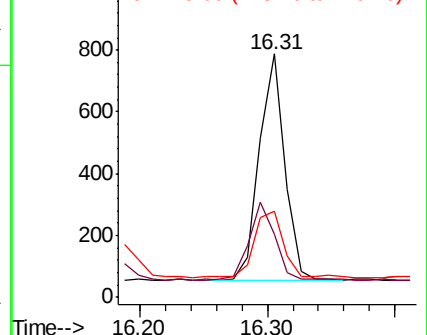
249 33.1 26.5 39.7



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: 0.153 ng

RT: 16.65 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

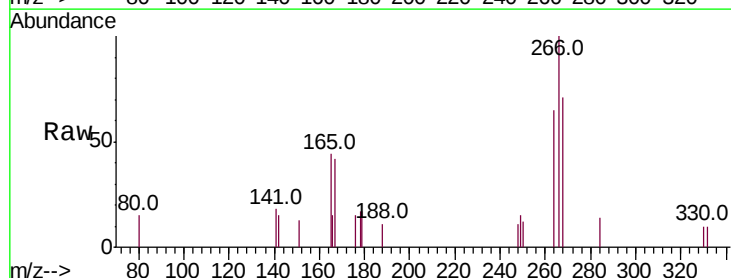
Tgt Ion:266 Resp: 642

Ion Ratio Lower Upper

266 100

264 64.7 47.7 71.5

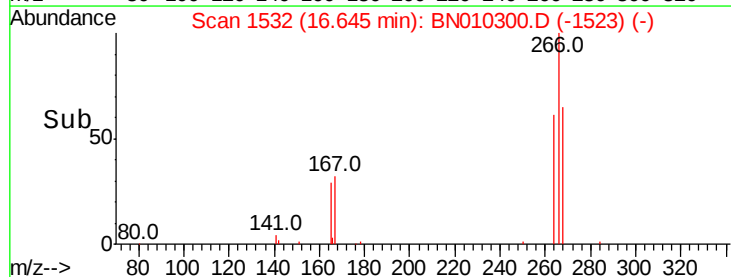
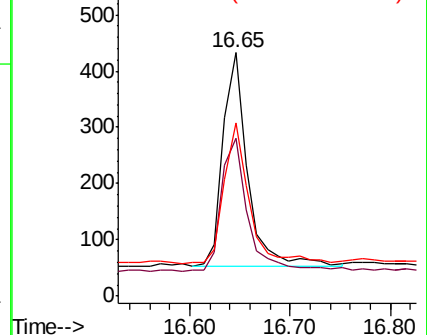
268 70.9 54.9 82.3

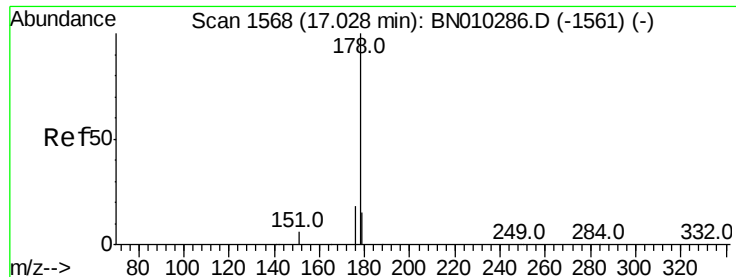


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.082 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

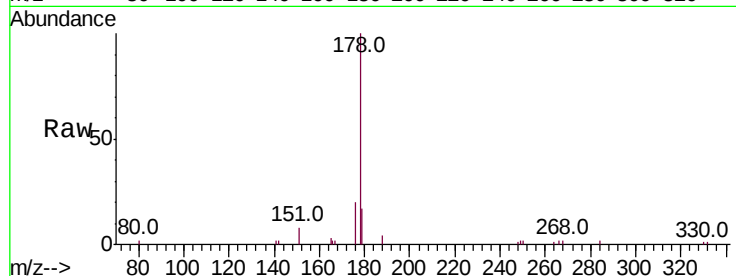
Tot Ion:178 Resp: 4419

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

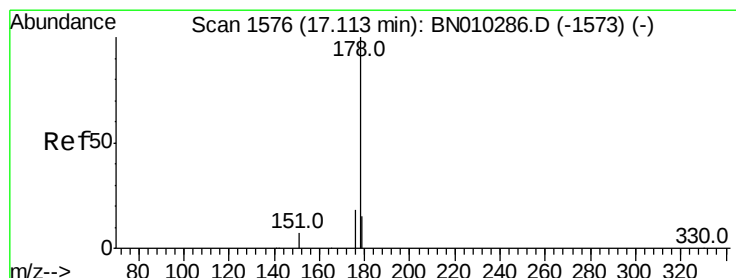
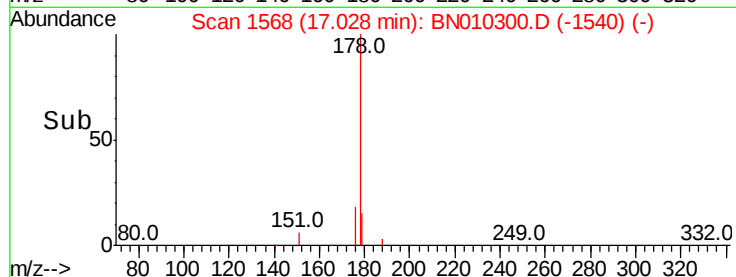
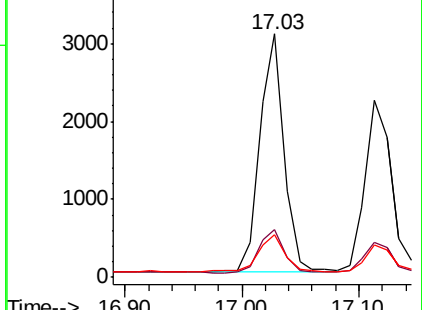
179 16.6 12.4 18.6



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: 0.077 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

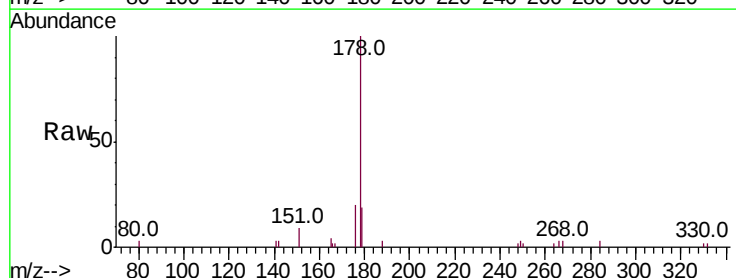
Tgt Ion:178 Resp: 3554

Ion Ratio Lower Upper

178 100

176 17.7 14.5 21.7

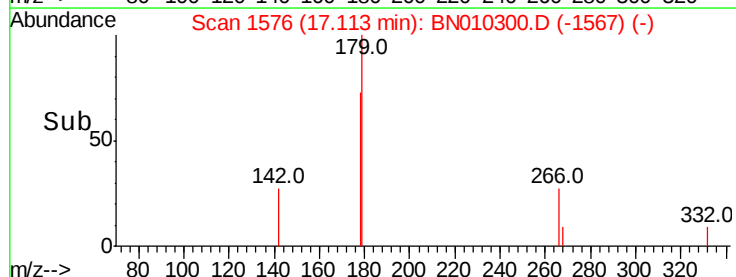
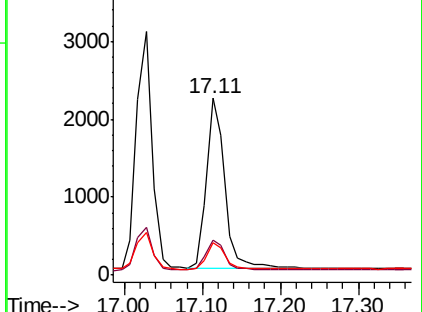
179 15.6 12.3 18.5

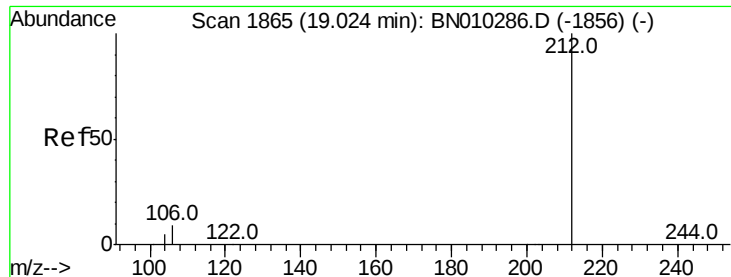


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.336 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010300.D

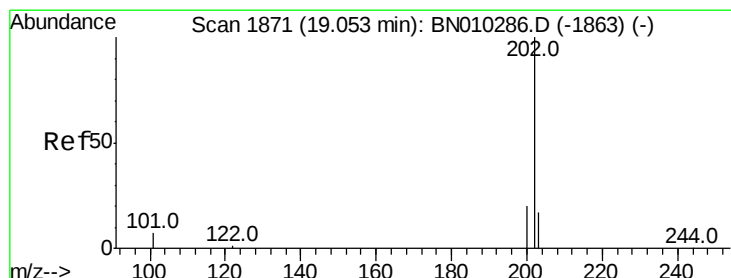
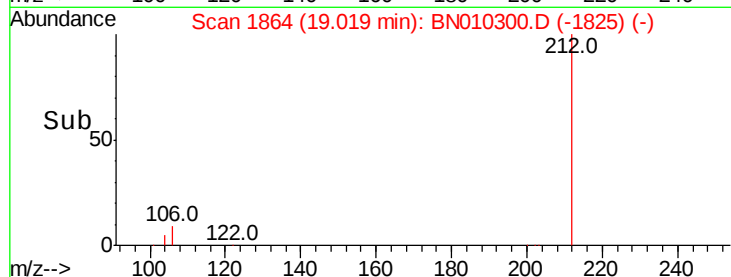
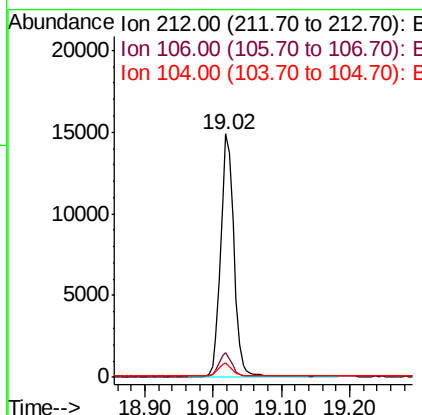
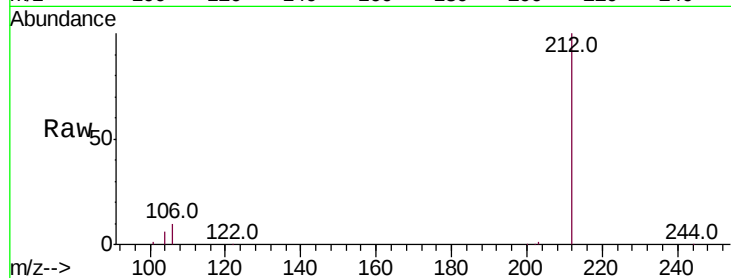
Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

Tot Ion:212	Resp:	19957
Ion Ratio	Lower	Upper
212	100	
106	9.3	7.4 11.2
104	5.3	4.2 6.4



#26

Fluoranthene

Concen: 0.081 ng

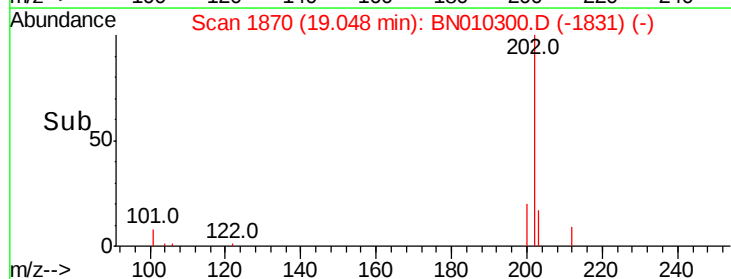
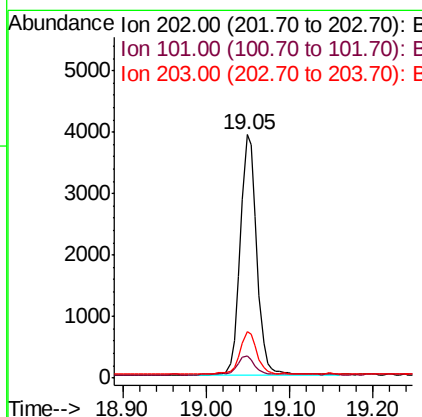
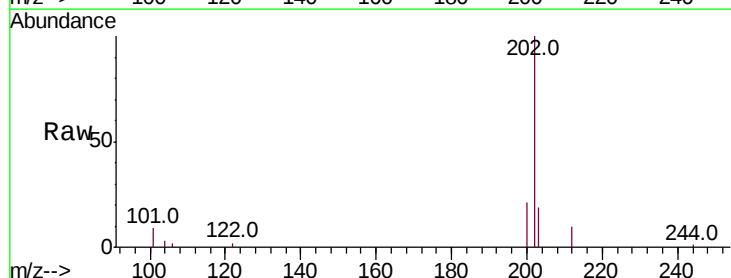
RT: 19.05 min Scan# 1870

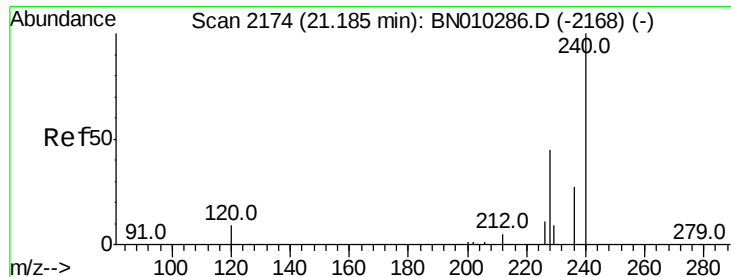
Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Tgt Ion:202	Resp:	5339
Ion Ratio	Lower	Upper
202	100	
101	8.2	6.6 9.8
203	17.4	13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

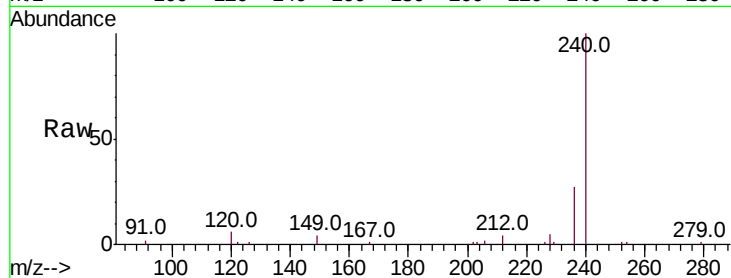
Tot Ion:240 Resp: 21093

Ion Ratio Lower Upper

240 100

120 6.2 7.9 11.9#

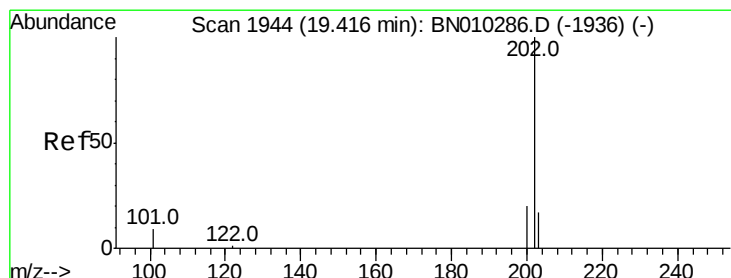
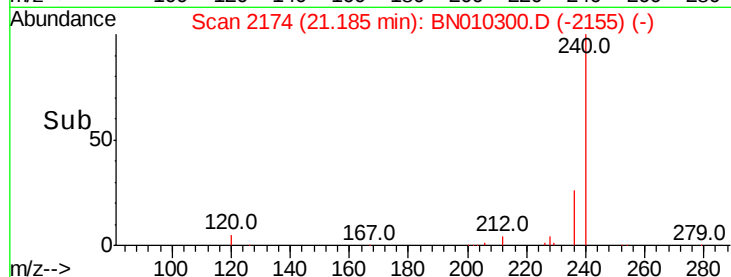
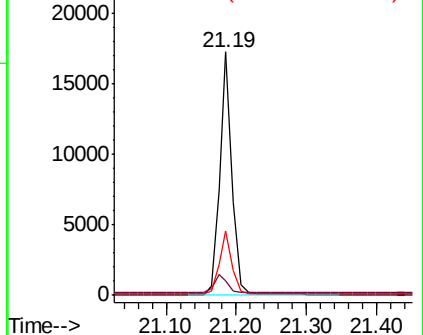
236 26.6 22.2 33.4



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: 0.080 ng

RT: 19.42 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

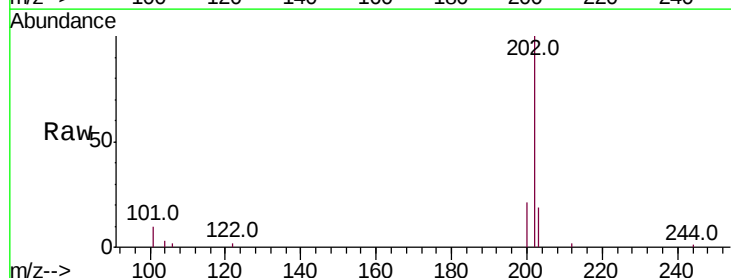
Tgt Ion:202 Resp: 5236

Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

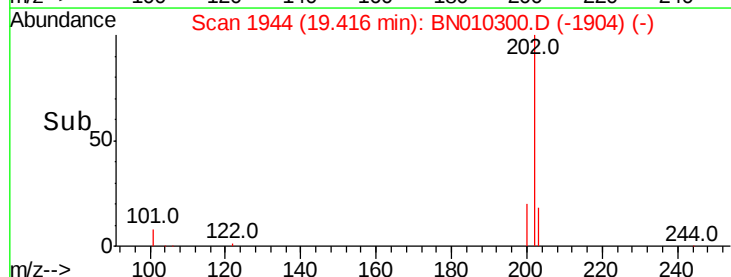
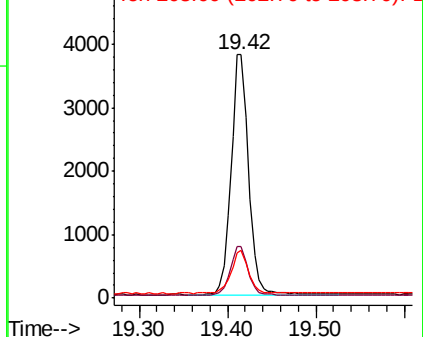
203 18.0 14.2 21.2

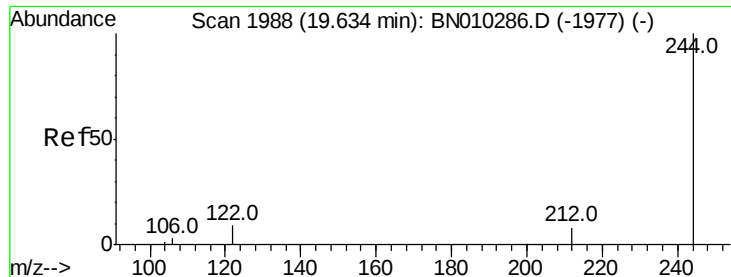


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

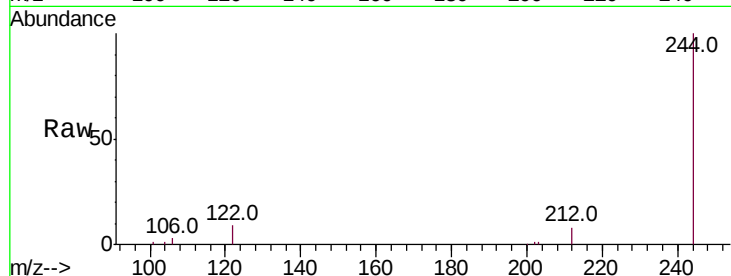
Tot Ion:244 Resp: 17508

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

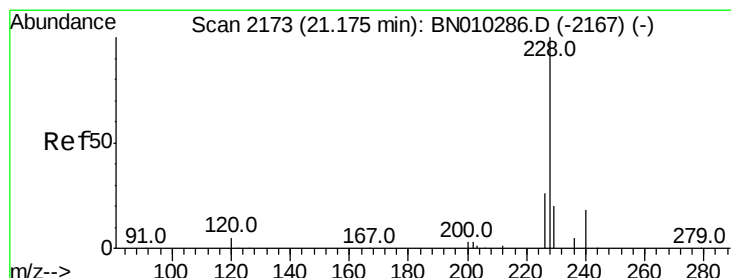
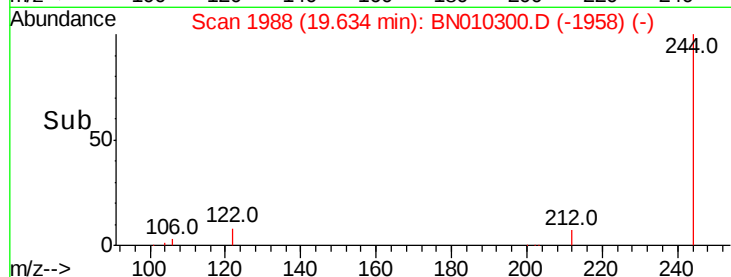
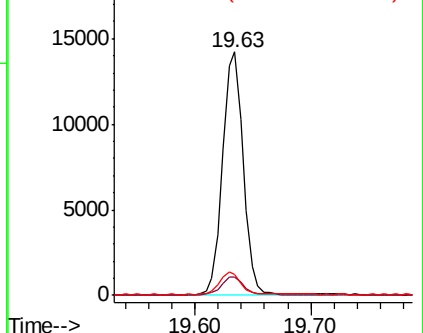
122 8.6 7.6 11.4



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: 0.081 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

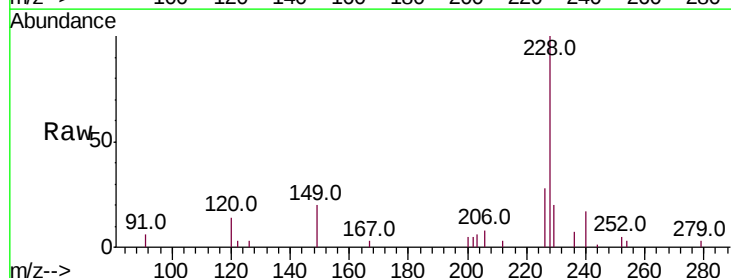
Tgt Ion:228 Resp: 5454

Ion Ratio Lower Upper

228 100

226 28.1 21.0 31.4

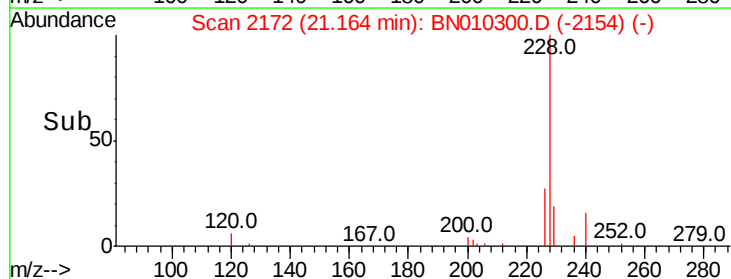
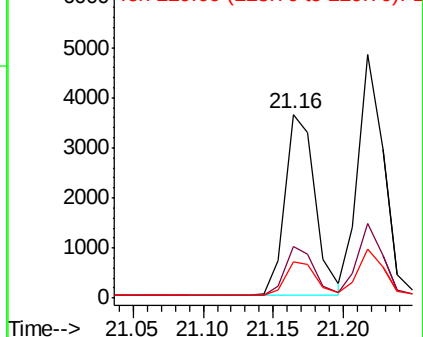
229 20.1 16.0 24.0

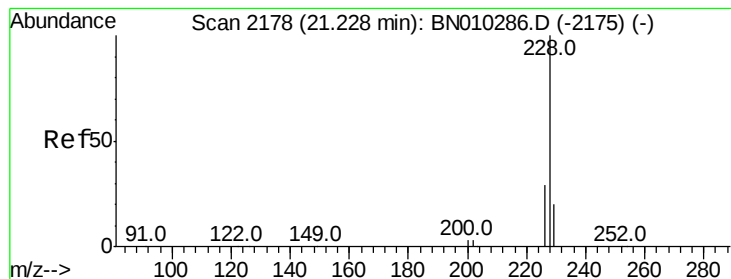


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.085 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

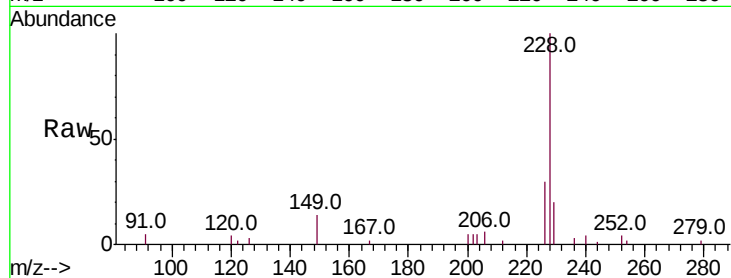
Tot Ion:228 Resp: 6135

Ion Ratio Lower Upper

228 100

226 30.5 23.0 34.6

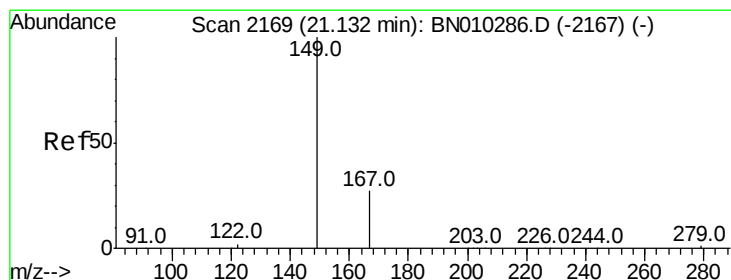
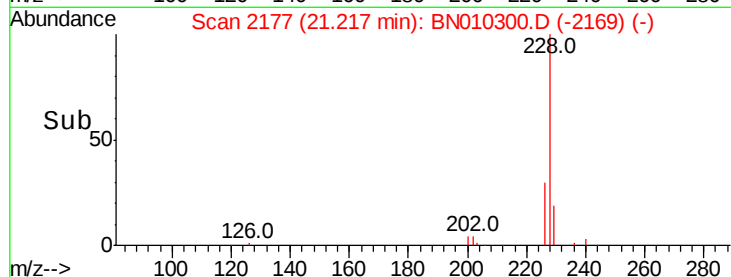
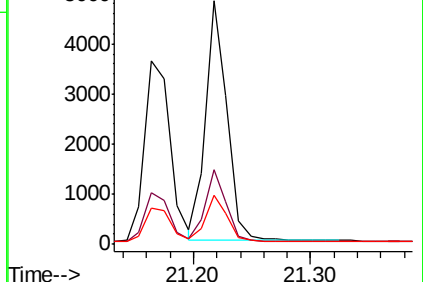
229 20.2 16.0 24.0



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.081 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

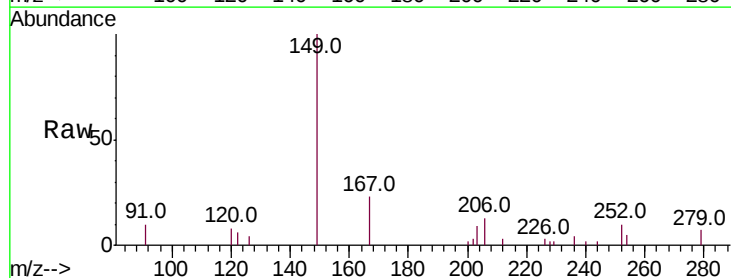
Tgt Ion:149 Resp: 1836

Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.6

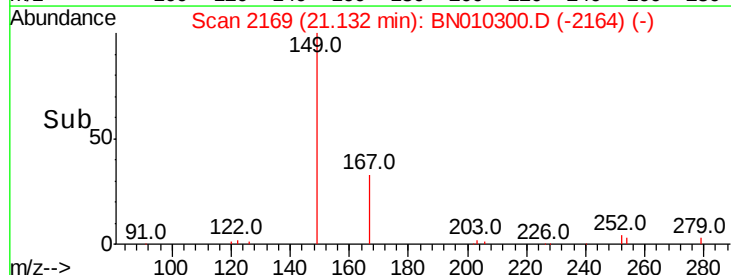
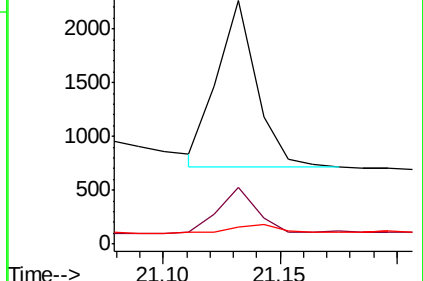
279 5.6 3.8 5.8

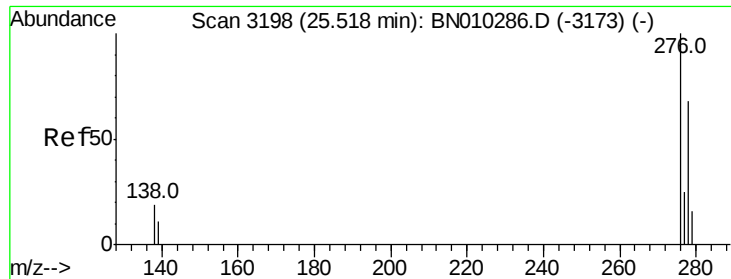


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.080 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

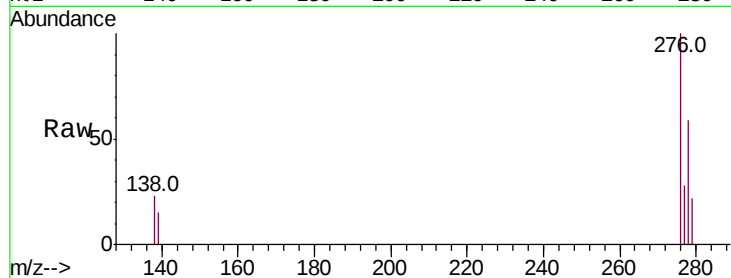
Tot Ion:276 Resp: 6210

Ion Ratio Lower Upper

276 100

138 19.6 15.6 23.4

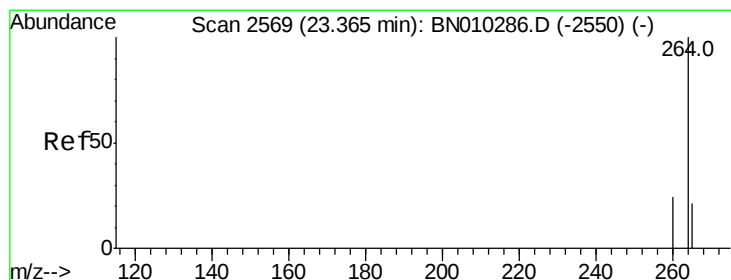
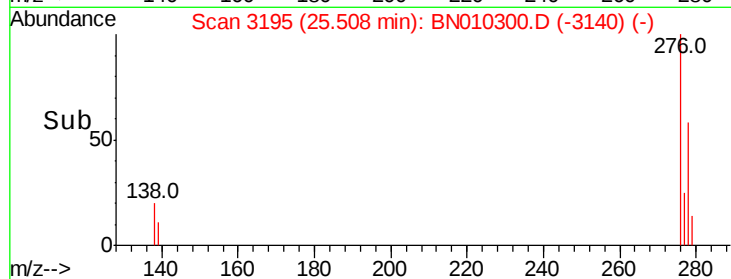
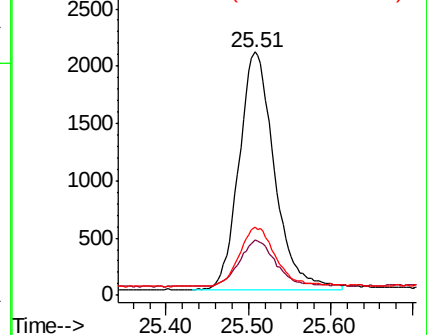
277 24.6 20.1 30.1



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: 23.36 min Scan# 2567

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

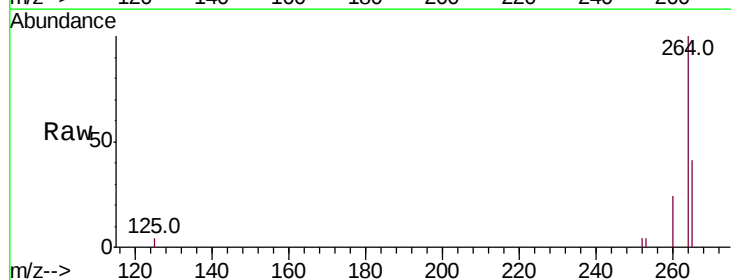
Tgt Ion:264 Resp: 21586

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

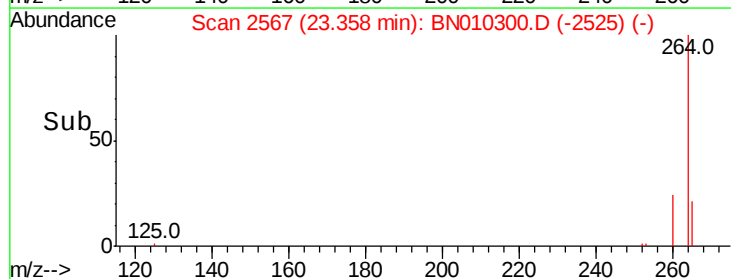
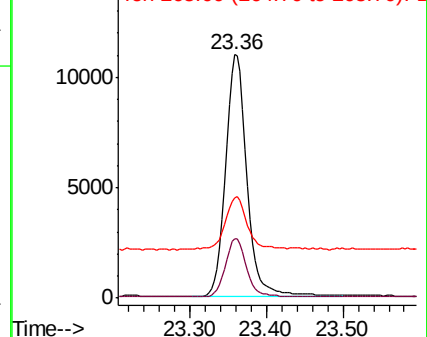
265 41.2 32.4 48.6

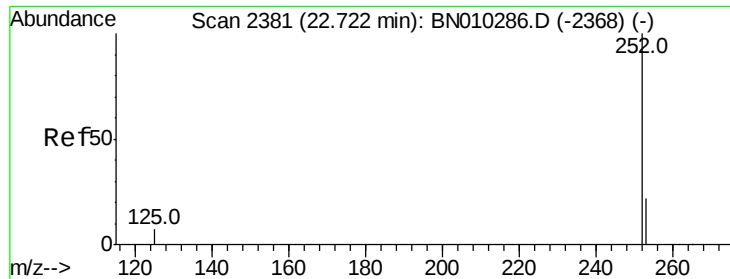


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.075 ng

RT: 22.71 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

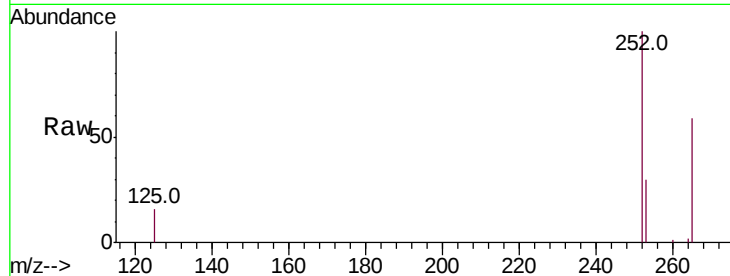
Tot Ion:252 Resp: 5478

Ion Ratio Lower Upper

252 100

253 30.3 19.2 28.8#

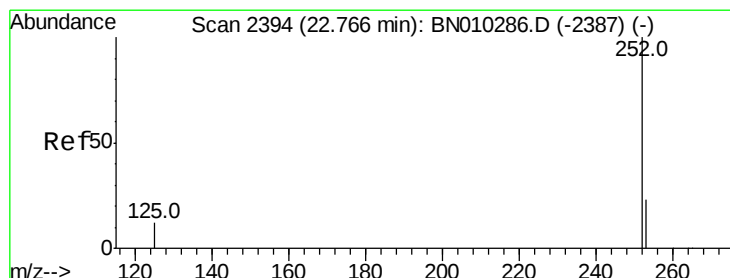
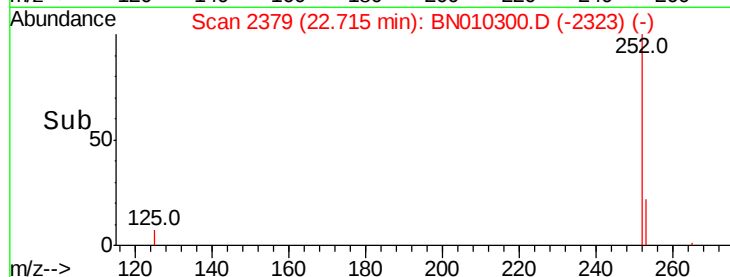
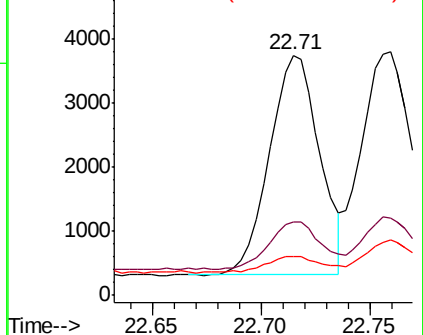
125 16.2 7.4 11.0#



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: 0.079 ng

RT: 22.76 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

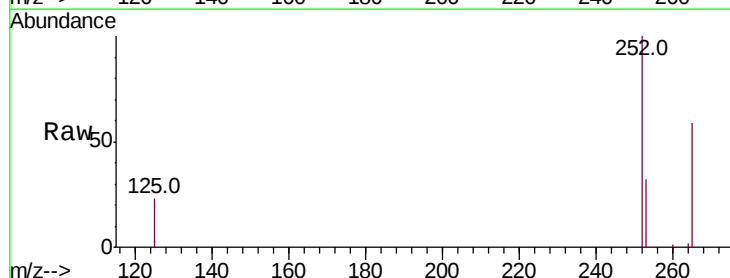
Tgt Ion:252 Resp: 5878

Ion Ratio Lower Upper

252 100

253 32.0 19.4 29.0#

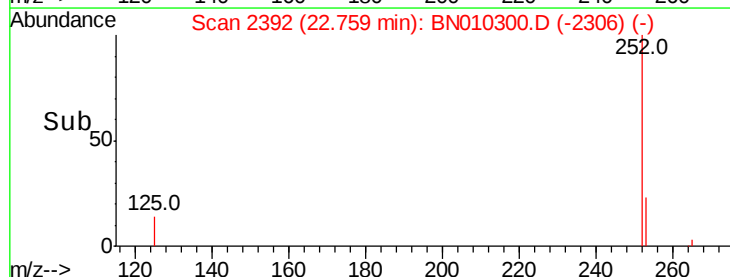
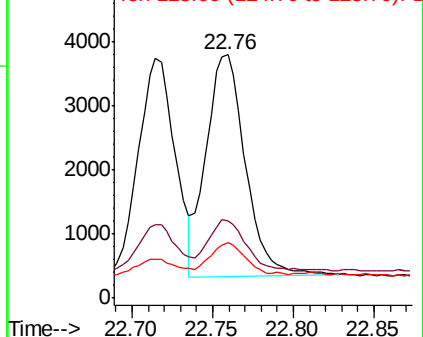
125 22.9 10.2 15.2#

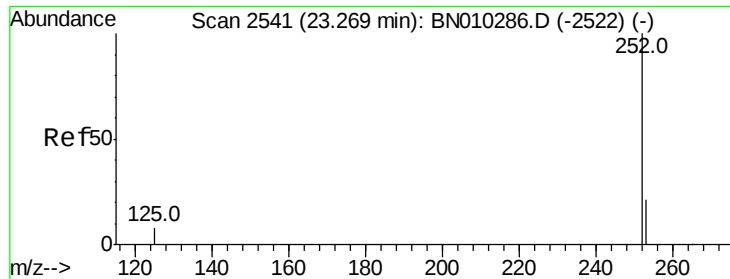


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.072 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

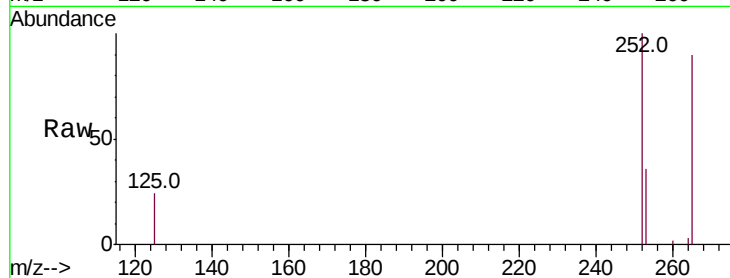
Tot Ion:252 Resp: 4446

Ion Ratio Lower Upper

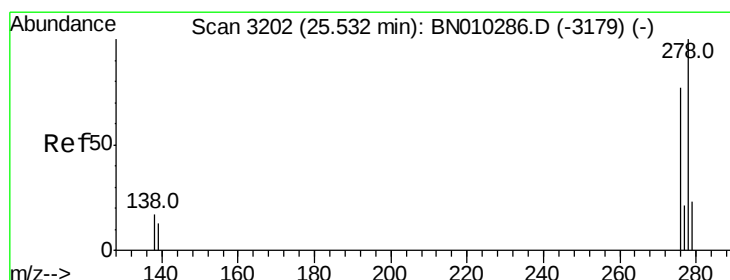
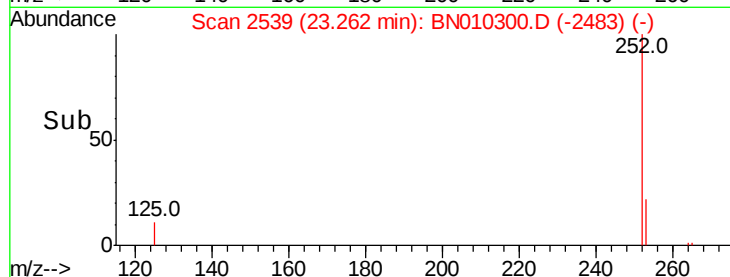
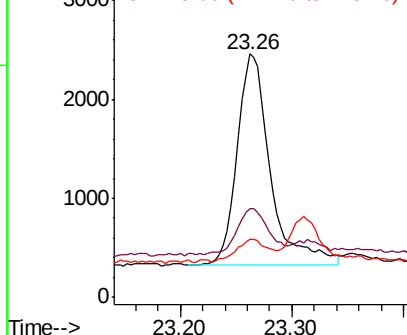
252 100

253 36.2 19.9 29.9#

125 24.0 8.9 13.3#



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: 0.076 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

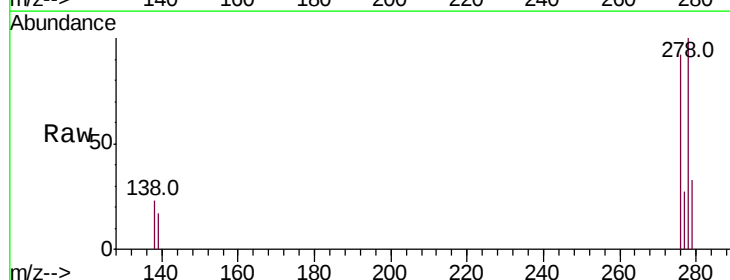
Tgt Ion:278 Resp: 5096

Ion Ratio Lower Upper

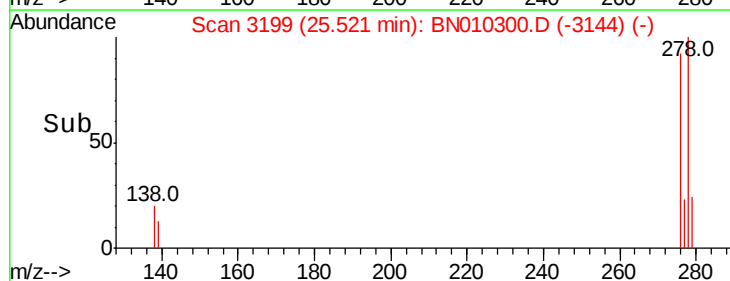
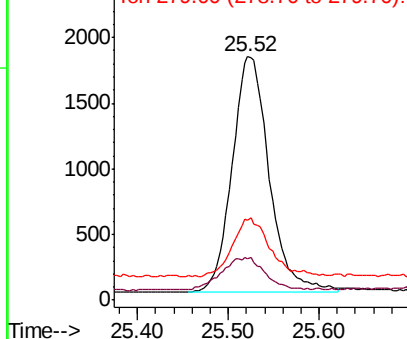
278 100

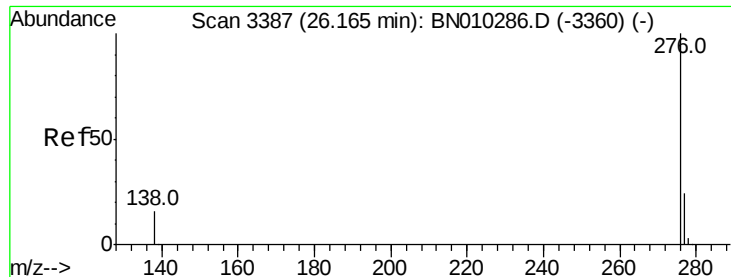
139 17.0 10.6 16.0#

279 32.9 19.8 29.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.079 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BN010300.D

Acq: 19 Mar 2020 22:15

Instrument :

BNA_N

ClientSampleId :

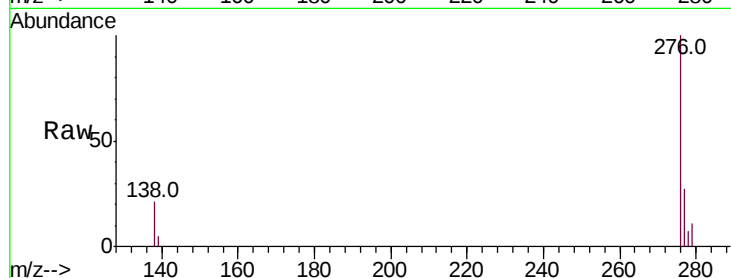
Tot Ion:276 Resp: 5328

Ion Ratio Lower Upper

276 100

277 27.3 19.6 29.4

138 20.5 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

