

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
 Data File : BN010314.D
 Acq On : 20 Mar 2020 22:07
 Operator : CG/JU
 Sample : PB127771BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 22:50:33 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	4433	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15191	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8521	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19827	0.40	ng	0.00
27) Chrysene-d12	21.19	240	18826	0.40	ng	0.00
34) Perylene-d12	23.36	264	16761	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3119	0.36	ng	0.00
5) Phenol-d6	6.80	99	3763	0.34	ng	0.00
8) Nitrobenzene-d5	8.74	82	5237	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9397	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	931	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	19597	0.60	ng	0.00
25) Fluoranthene-d10	19.02	212	15567	0.26	ng	0.00
29) Terphenyl-d14	19.63	244	19921	0.49	ng	0.00

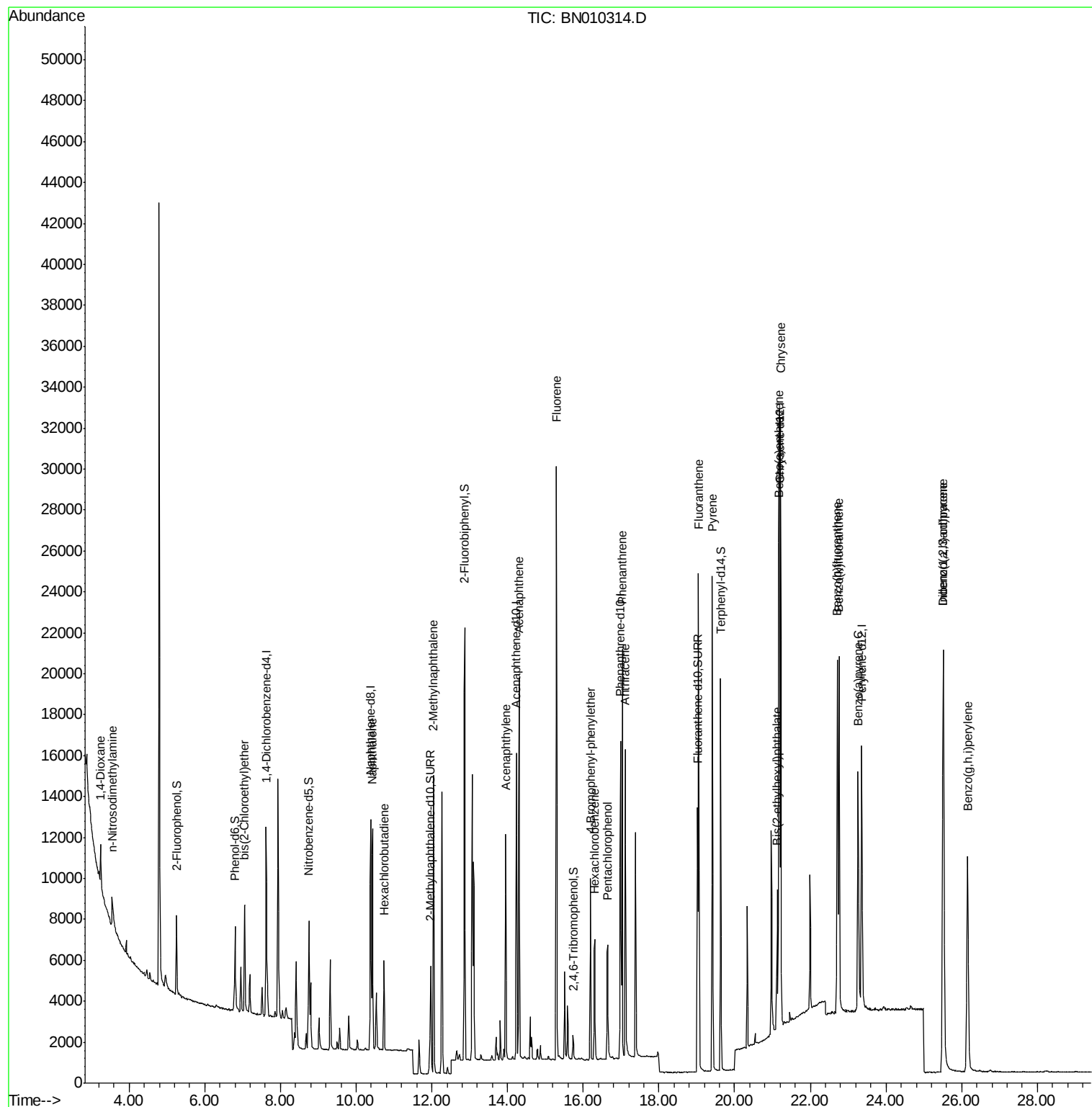
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1194	0.287	ng	# 78
3) n-Nitrosodimethylamine	3.55	42	1471	0.418	ng	# 93
6) bis(2-Chloroethyl)ether	7.06	93	4272	0.407	ng	99
9) Naphthalene	10.43	128	15036	0.397	ng	99
10) Hexachlorobutadiene	10.73	225	3597	0.392	ng	# 99
12) 2-Methylnaphthalene	12.05	142	10137	0.386	ng	98
16) Acenaphthylene	13.96	152	12492	0.374	ng	100
17) Acenaphthene	14.30	154	9073	0.381	ng	98
18) Fluorene	15.29	166	11888	0.376	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	4317	0.359	ng	96
21) Hexachlorobenzene	16.31	284	4715	0.382	ng	100
22) Pentachlorophenol	16.65	266	3322	0.786	ng	97
23) Phenanthrene	17.03	178	20398	0.374	ng	100
24) Anthracene	17.11	178	16613	0.357	ng	100
26) Fluoranthene	19.05	202	23420	0.351	ng	99
28) Pyrene	19.42	202	23091	0.394	ng	100
30) Benzo(a)anthracene	21.16	228	21176	0.353	ng	97
31) Chrysene	21.22	228	24465	0.380	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	5578	0.276	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	25109	0.365	ng	99
35) Benzo(b)fluoranthene	22.71	252	22251	0.391	ng	99
36) Benzo(k)fluoranthene	22.76	252	22618	0.390	ng	# 98
37) Benzo(a)pyrene	23.27	252	18792	0.391	ng	99
38) Dibenzo(a,h)anthracene	25.52	278	21177	0.408	ng	97
39) Benzo(g,h,i)perylene	26.16	276	22133	0.423	ng	100

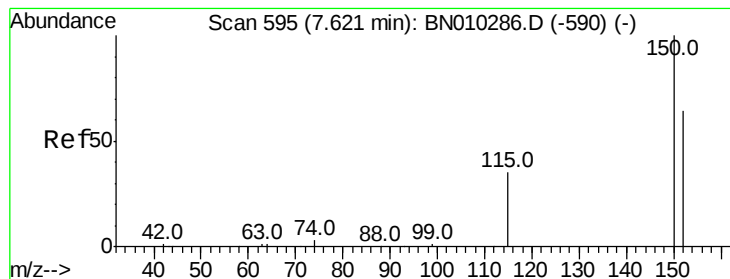
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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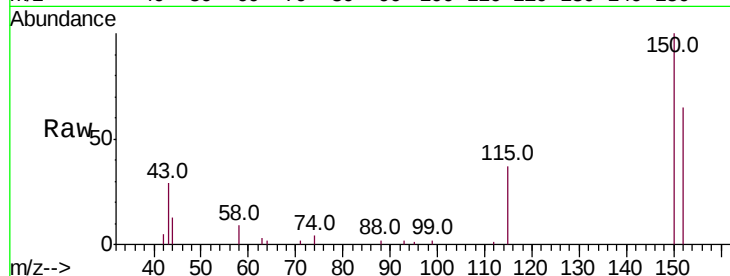


#1

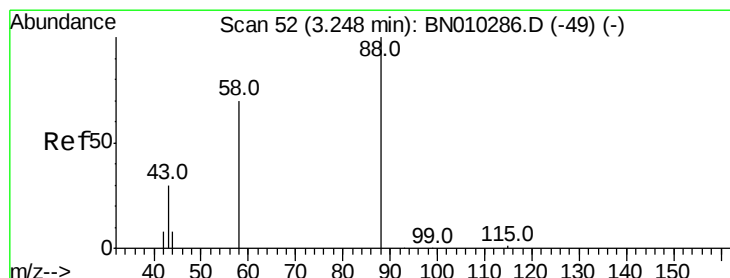
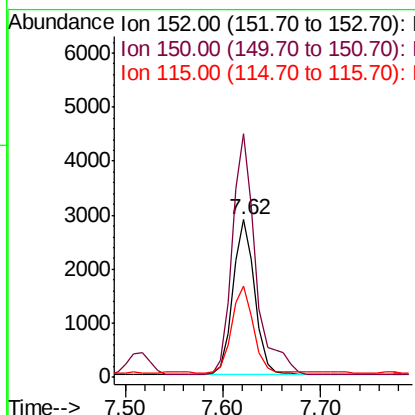
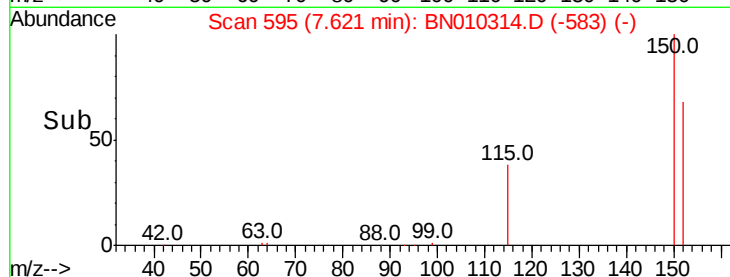
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010314.D
Acq: 20 Mar 2020 22:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4433
Ion Ratio Lower Upper
152 100
150 154.3 123.1 184.7
115 57.5 45.2 67.8



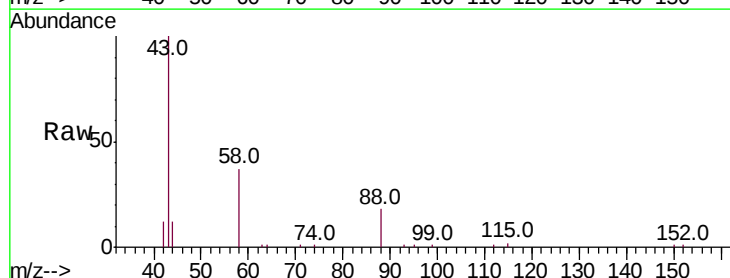
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



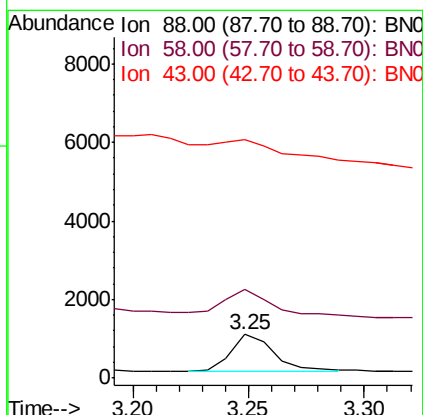
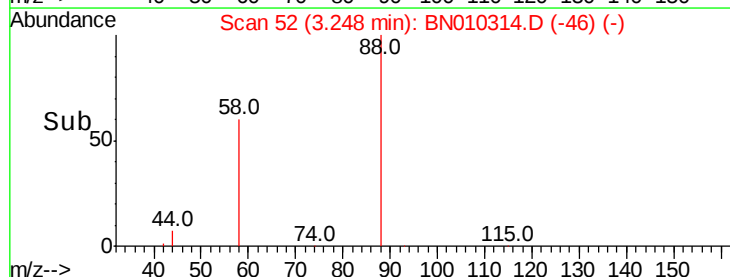
#2

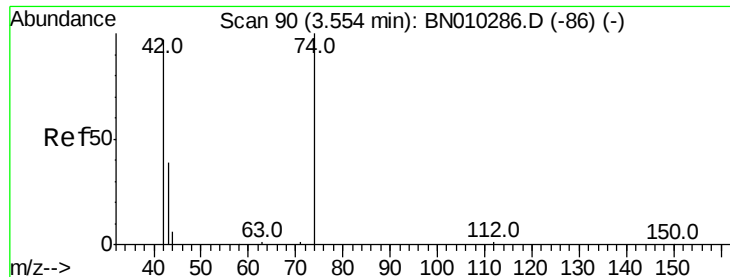
1,4-Dioxane
Concen: 0.287 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010314.D
Acq: 20 Mar 2020 22:07

Tgt Ion: 88 Resp: 1194
Ion Ratio Lower Upper
88 100
58 72.0 51.7 77.5
43 0.0 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: 0.418 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

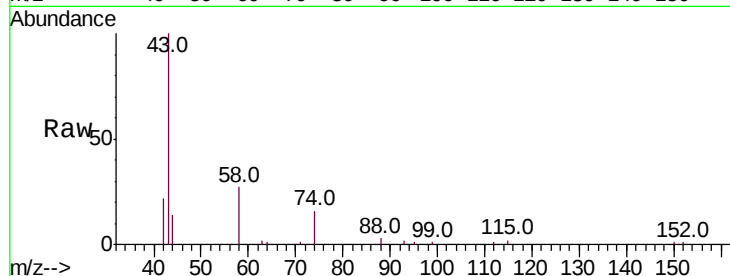
Tot Ion: 42 Resp: 1471

Ion Ratio Lower Upper

42 100

74 115.6 99.4 149.0

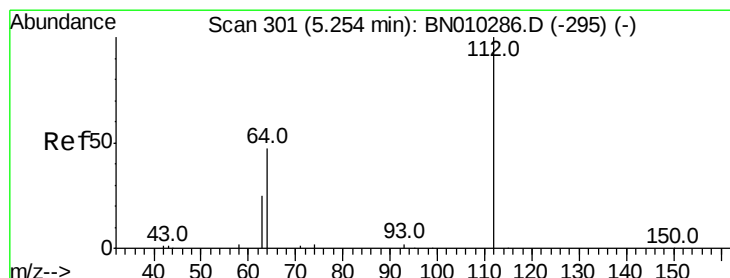
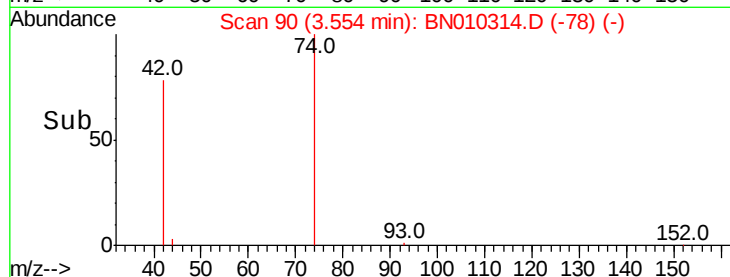
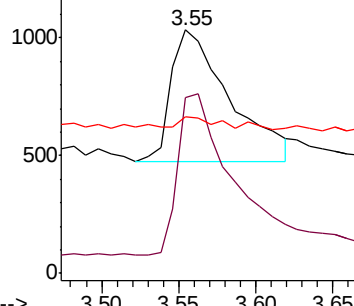
44 7.3 4.8 7.2#



Abundance Ion 42.00 (41.70 to 42.70): BN010314.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BN010314.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BN010314.D (-78) (-)



#4

2-Fluorophenol

Concen: 0.355 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

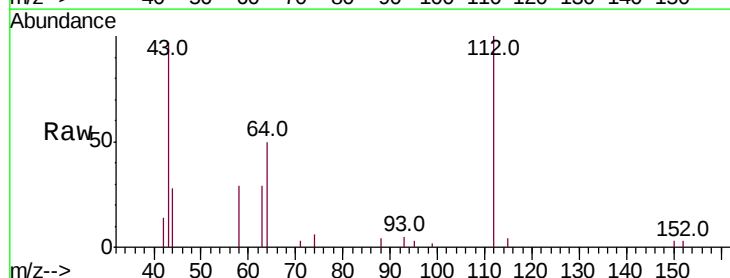
Tgt Ion: 112 Resp: 3119

Ion Ratio Lower Upper

112 100

64 50.8 41.4 62.2

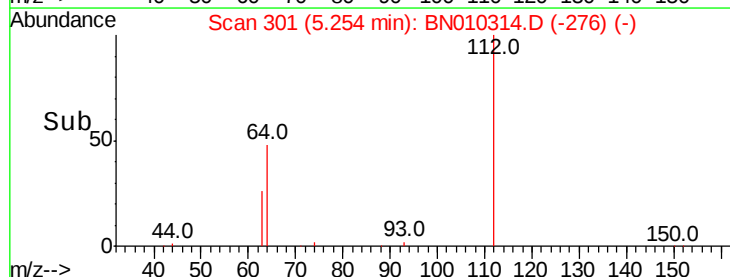
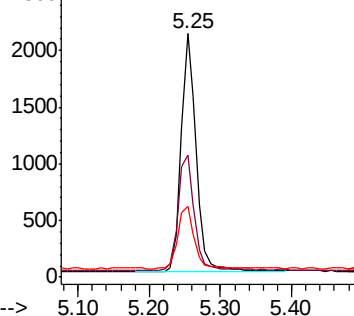
63 28.5 22.9 34.3

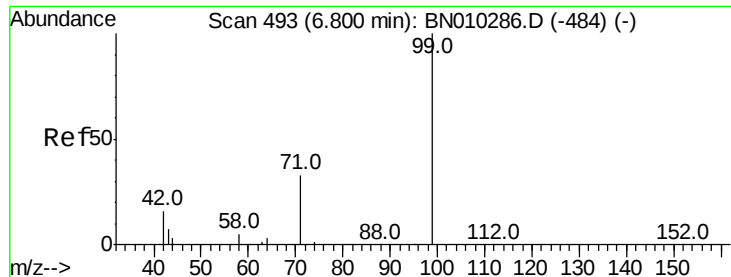


Abundance Ion 112.00 (111.70 to 112.70): BN010314.D (-276) (-)

Ion 64.00 (63.70 to 64.70): BN010314.D (-276) (-)

Ion 63.00 (62.70 to 63.70): BN010314.D (-276) (-)





#5

Phenol-d6

Concen: 0.345 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

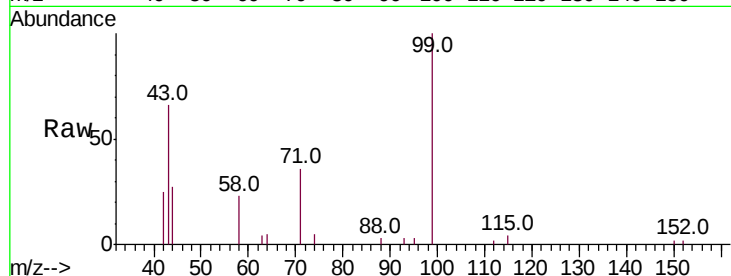
Tot Ion: 99 Resp: 3763

Ion Ratio Lower Upper

99 100

42 18.8 14.8 22.2

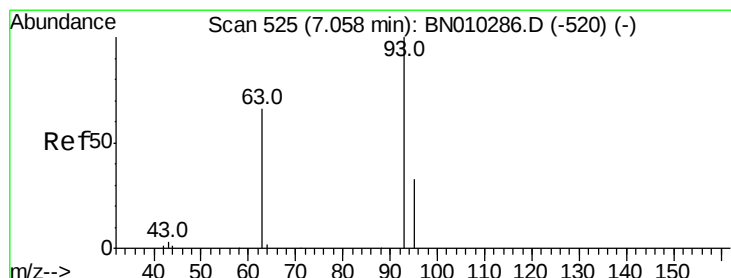
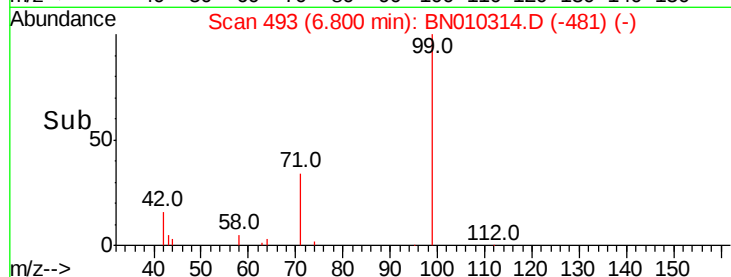
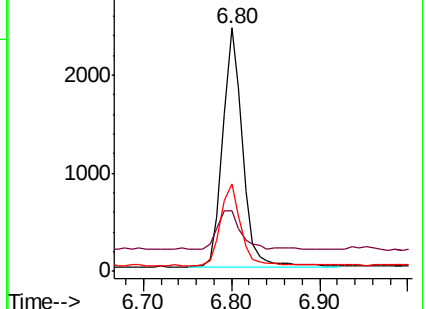
71 34.5 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010314.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010314.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010314.D (-484) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.407 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

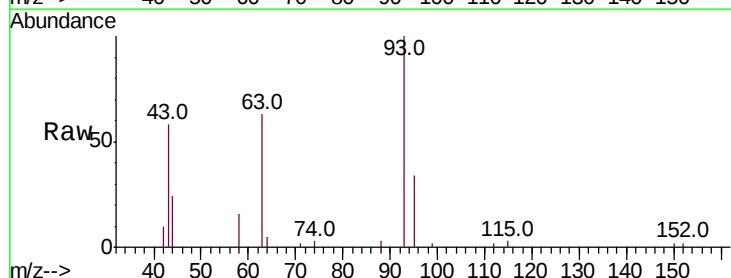
Tgt Ion: 93 Resp: 4272

Ion Ratio Lower Upper

93 100

63 69.0 55.6 83.4

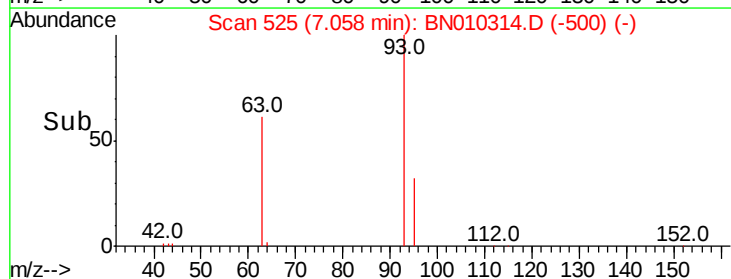
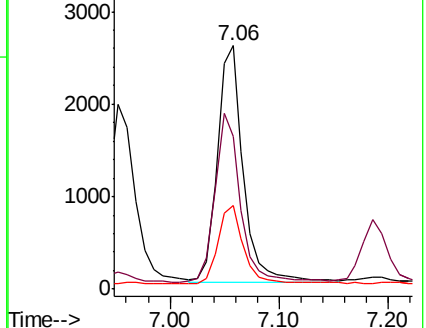
95 33.1 26.2 39.4

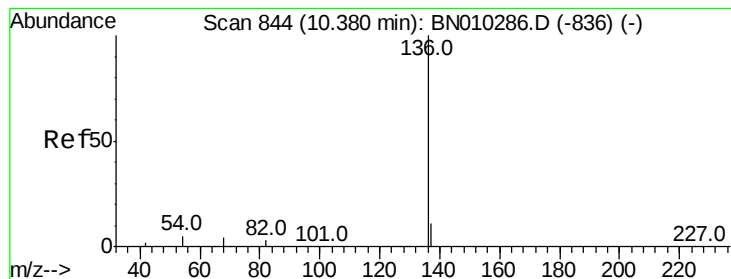


Abundance Ion 93.00 (92.70 to 93.70): BN010314.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010314.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010314.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15191

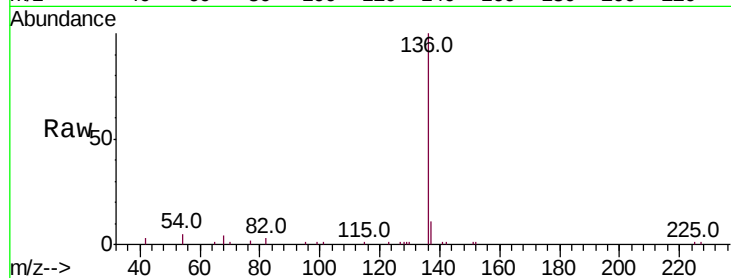
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 5.0 4.8 7.2

68 4.4 4.1 6.1

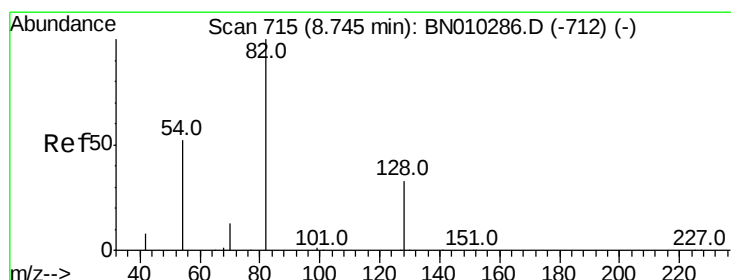
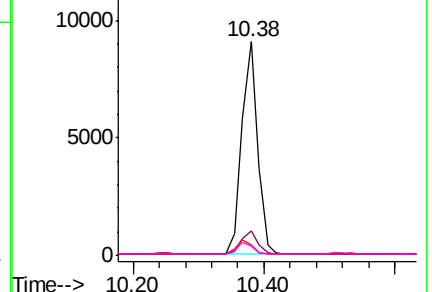
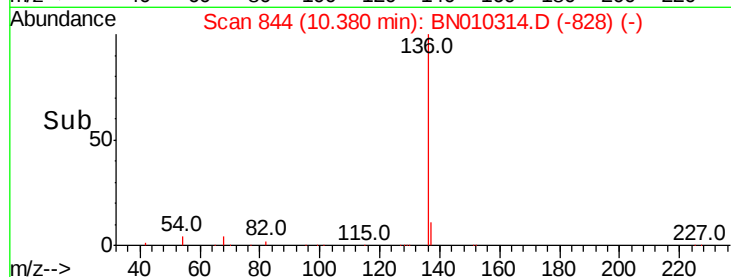


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.538 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

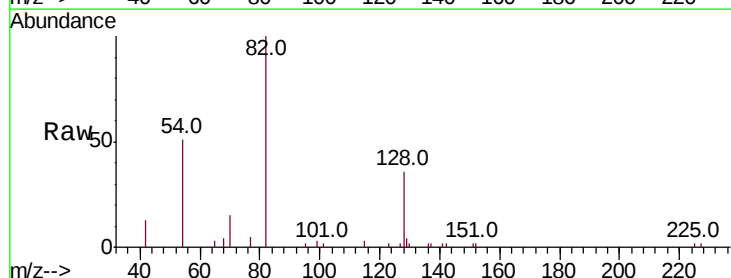
Tgt Ion: 82 Resp: 5237

Ion Ratio Lower Upper

82 100

128 36.5 28.8 43.2

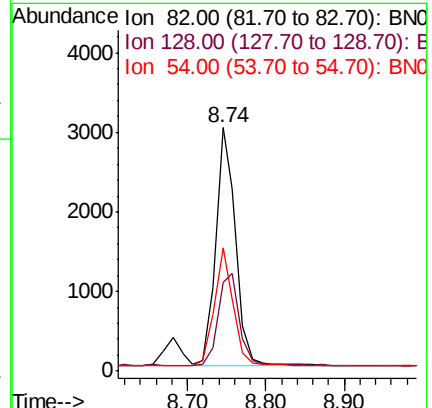
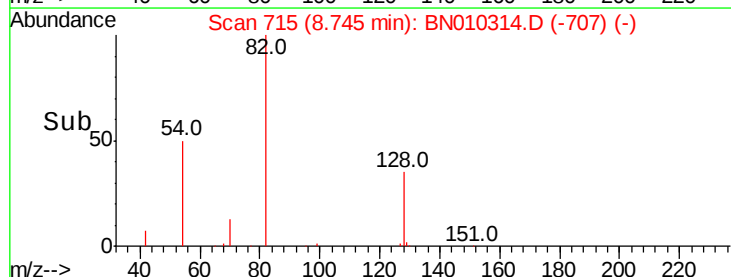
54 50.7 42.1 63.1

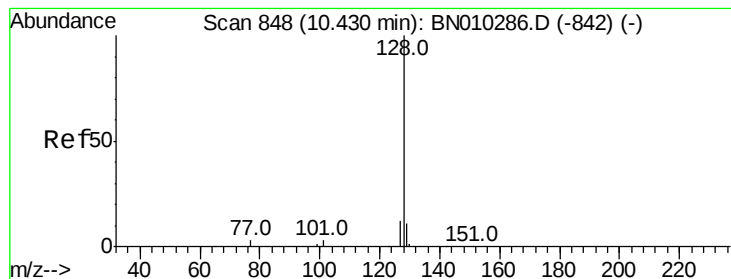


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.397 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampled :

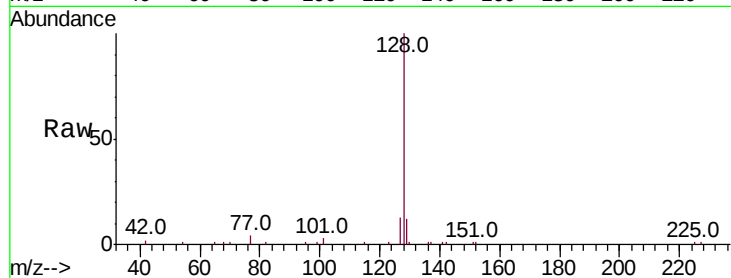
Tot Ion:128 Resp: 15036

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

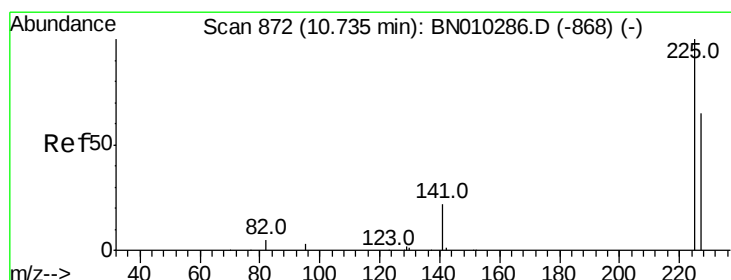
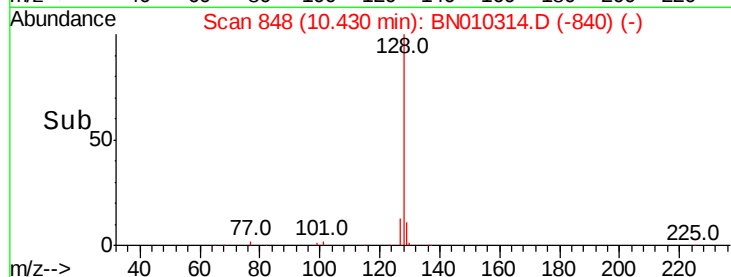
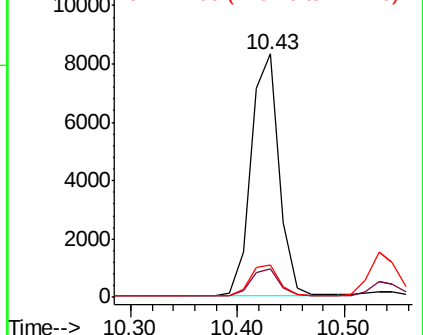
127 13.3 10.4 15.6



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: 0.392 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

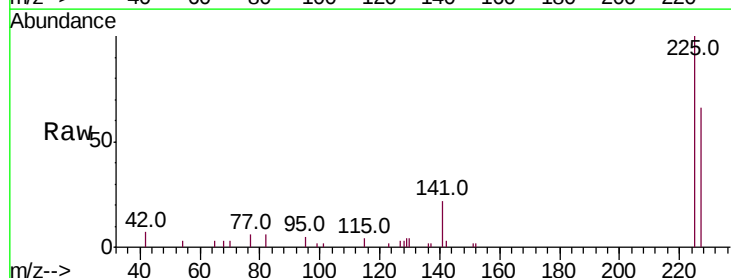
Tgt Ion:225 Resp: 3597

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

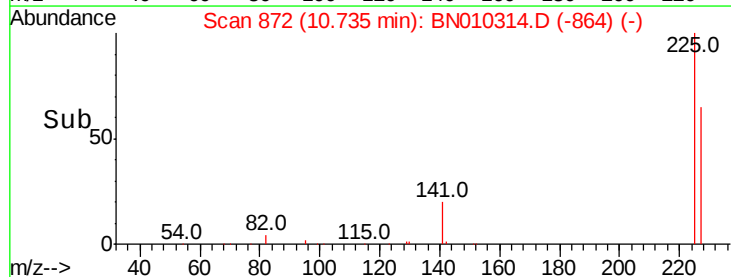
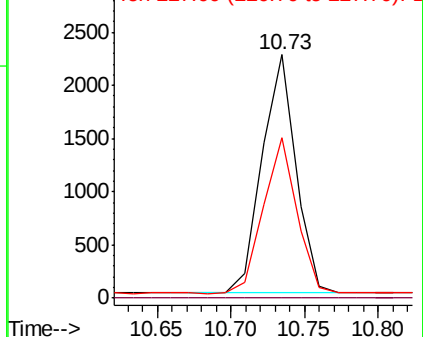
227 64.4 51.9 77.9

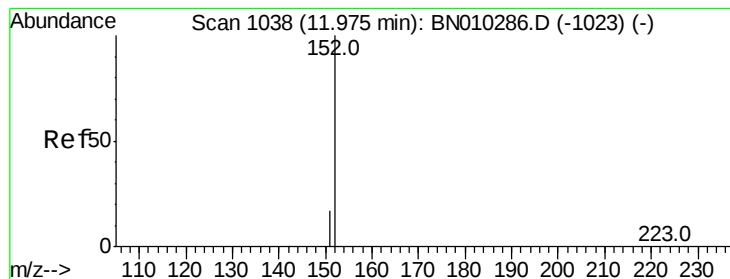


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.387 ng

RT: 11.97 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

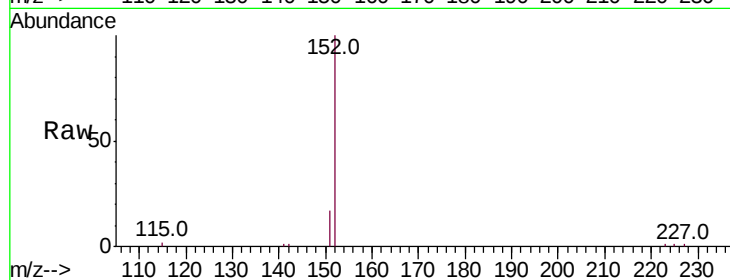
ClientSampleId :

Tot Ion:152 Resp: 9397

Ion Ratio Lower Upper

152 100

151 14.8 15.4 23.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.97

5000

4000

3000

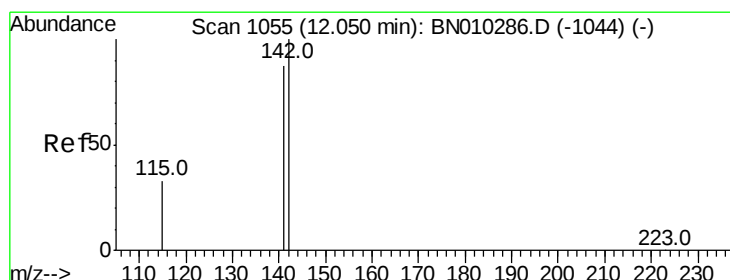
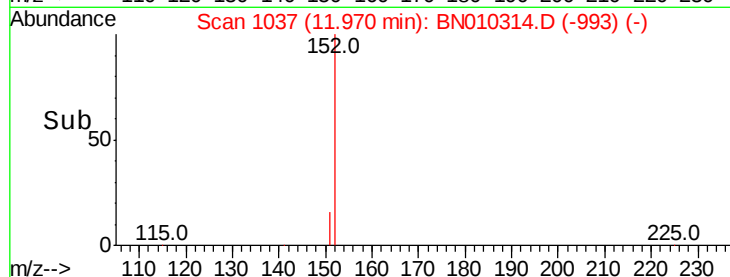
2000

1000

0

Time-->

11.90 12.00



#12

2-Methylnaphthalene

Concen: 0.386 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

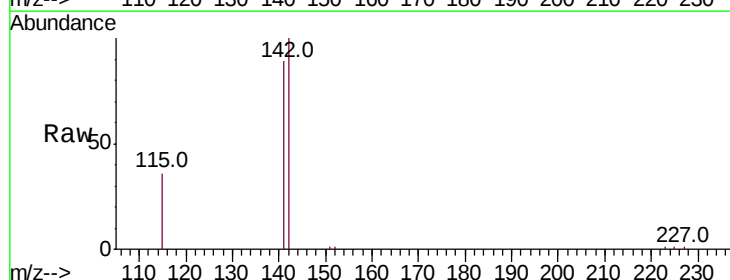
Tgt Ion:142 Resp: 10137

Ion Ratio Lower Upper

142 100

141 88.6 69.5 104.3

115 35.7 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.05

8000

6000

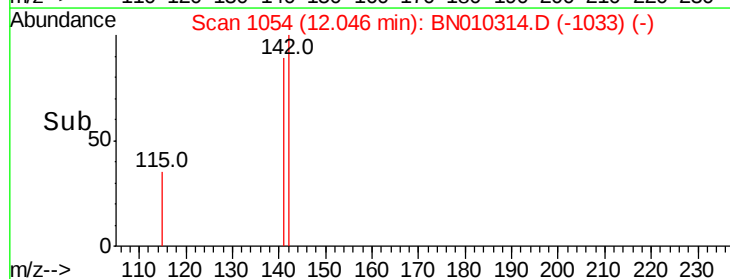
4000

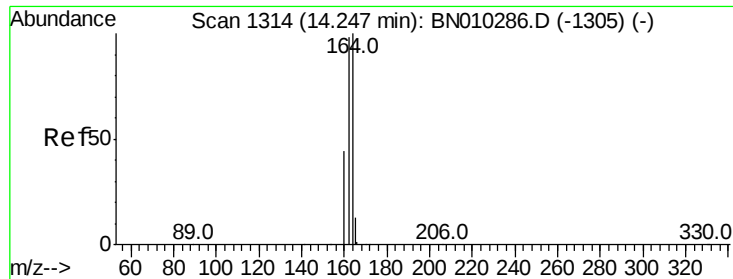
2000

0

Time-->

12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

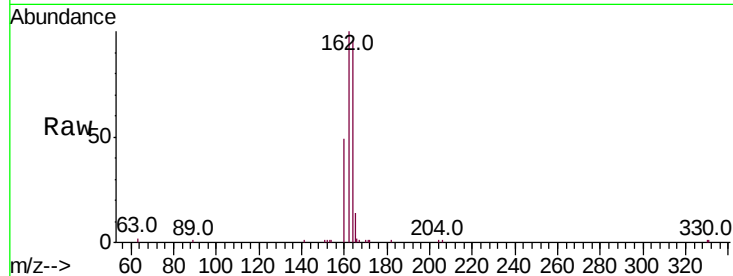
Tot Ion:164 Resp: 8521

Ion Ratio Lower Upper

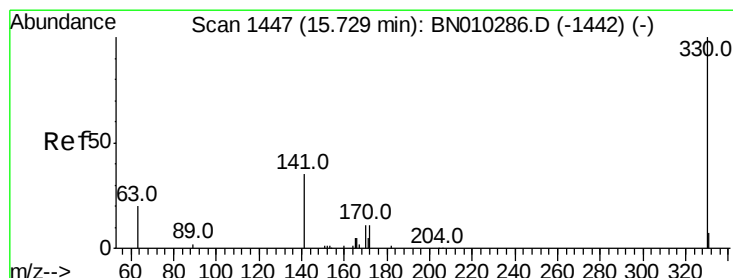
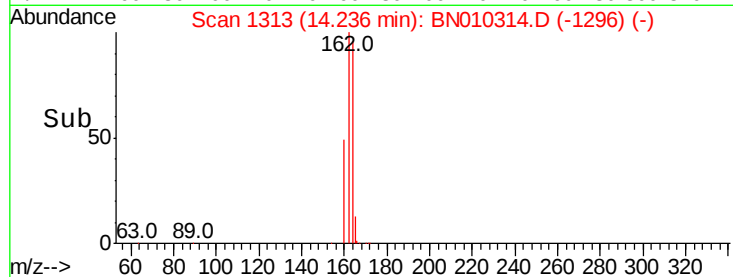
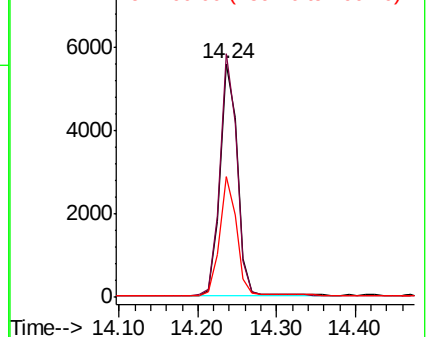
164 100

162 104.3 78.2 117.2

160 51.5 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: 0.284 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

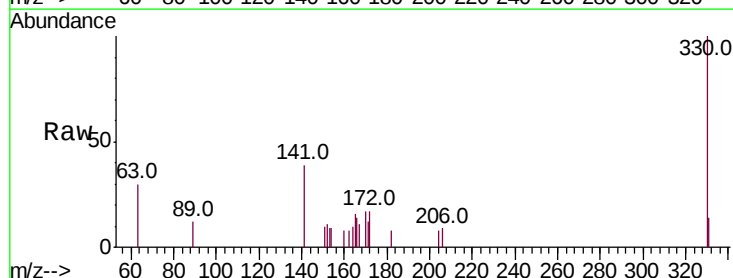
Tgt Ion:330 Resp: 931

Ion Ratio Lower Upper

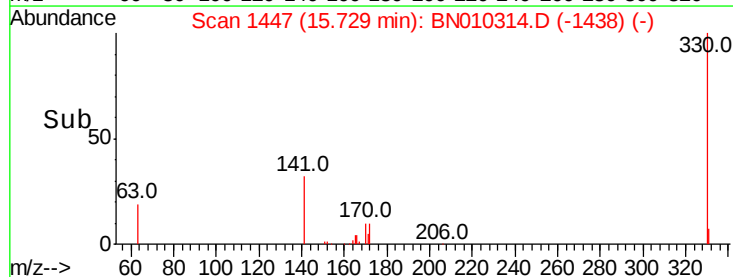
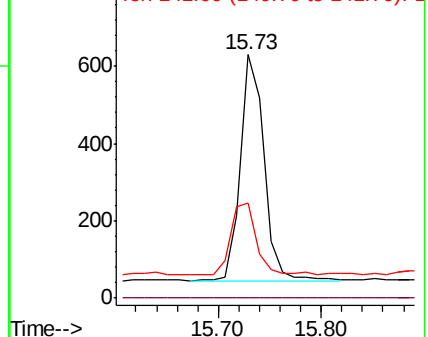
330 100

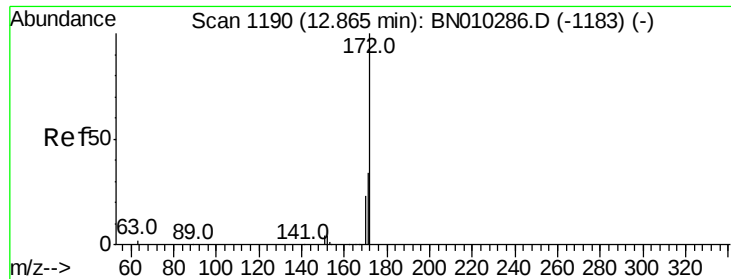
332 0.0 0.0 0.0

141 35.9 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

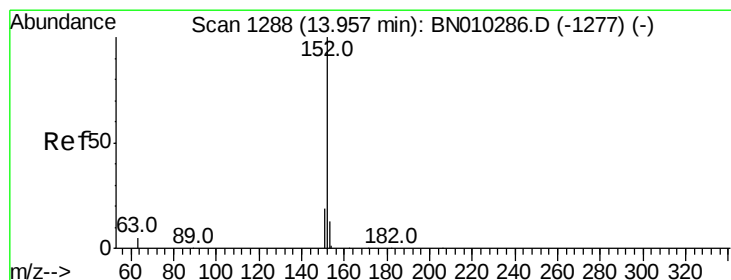
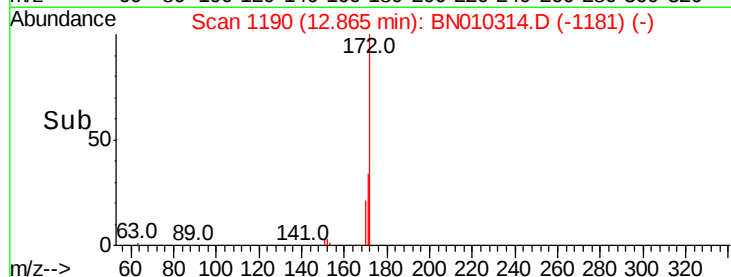
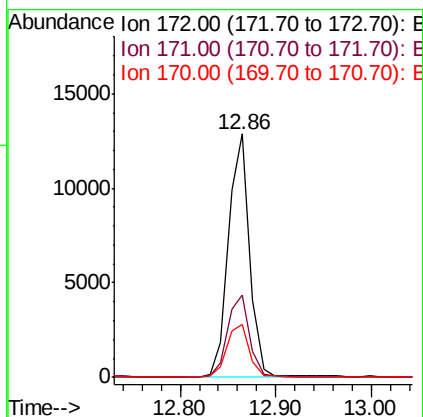
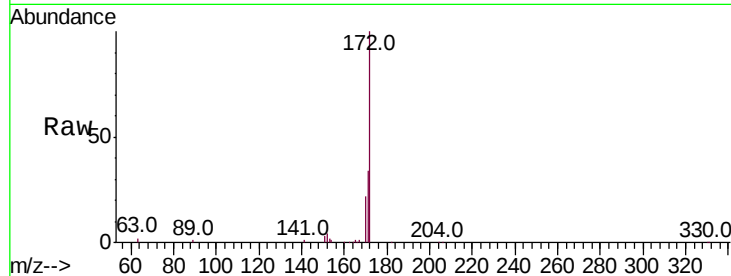




#15
2-Fluorobiphenyl
Concen: 0.601 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010314.D
Acq: 20 Mar 2020 22:07

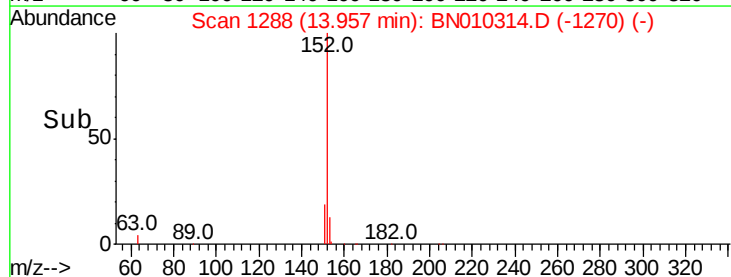
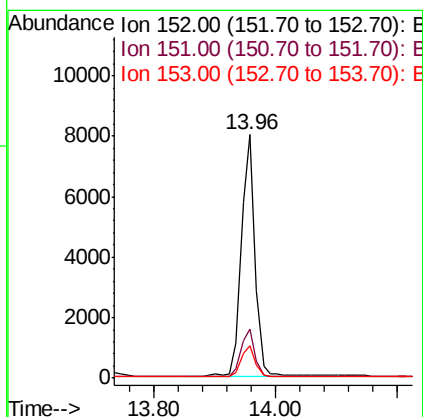
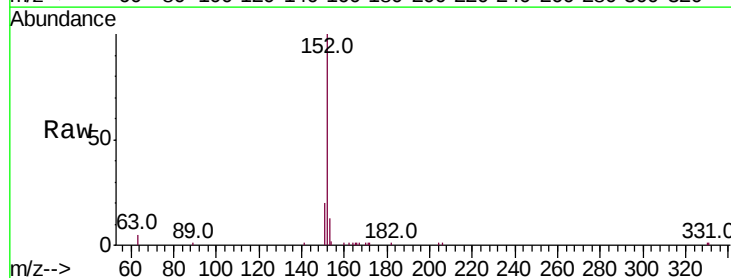
Instrument :
BNA_N
ClientSampleId :

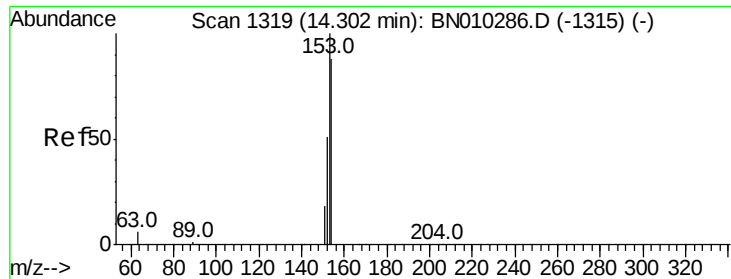
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.6	41.4
170	21.8	18.5	27.7



#16
Acenaphthylene
Concen: 0.374 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010314.D
Acq: 20 Mar 2020 22:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.6	15.8





#17

Acenaphthene

Concen: 0.381 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

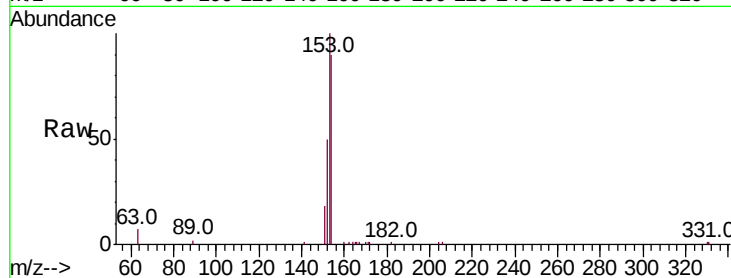
Tot Ion:154 Resp: 9073

Ion Ratio Lower Upper

154 100

153 112.1 88.1 132.1

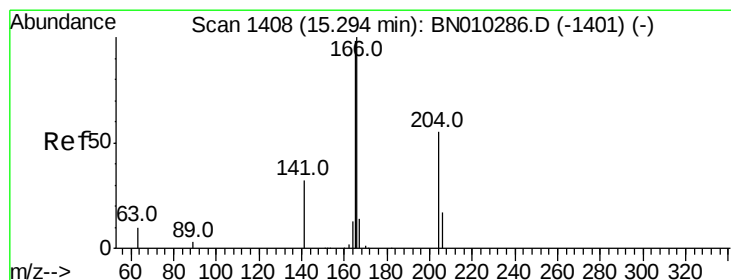
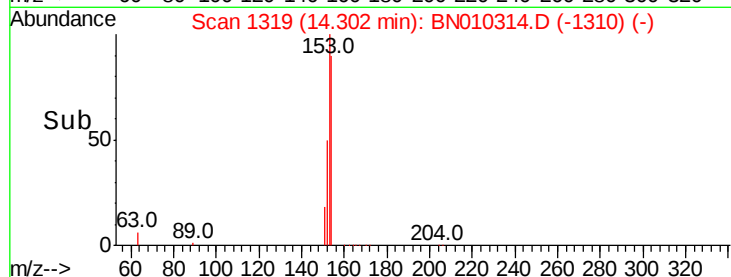
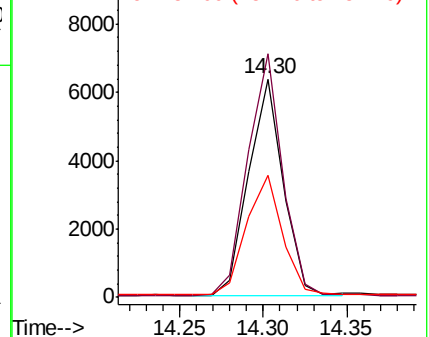
152 58.0 45.5 68.3



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: 0.376 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

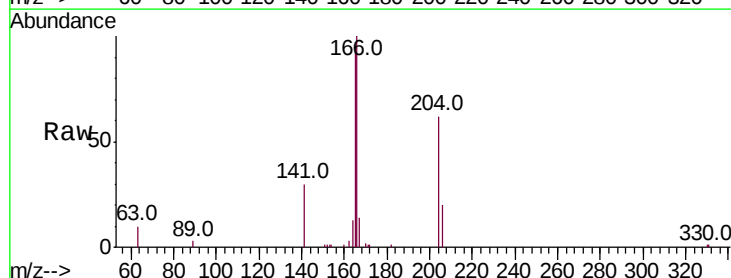
Tgt Ion:166 Resp: 11888

Ion Ratio Lower Upper

166 100

165 97.2 78.7 118.1

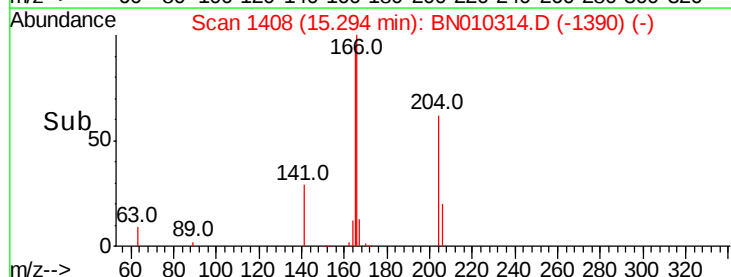
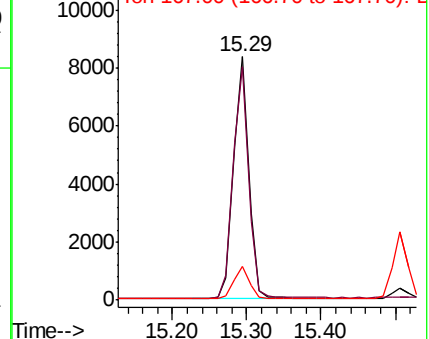
167 13.7 11.0 16.4

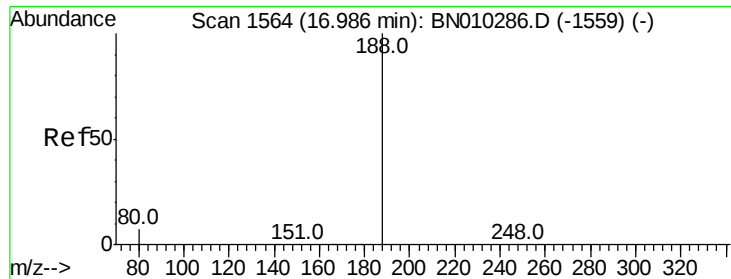


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

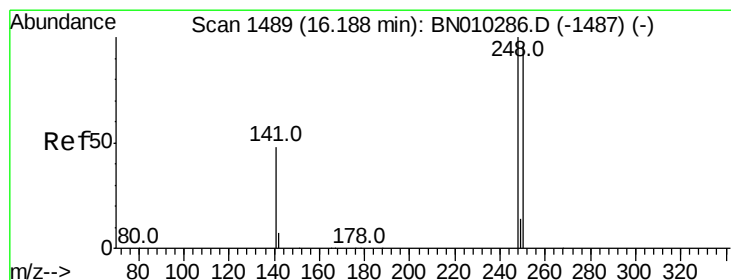
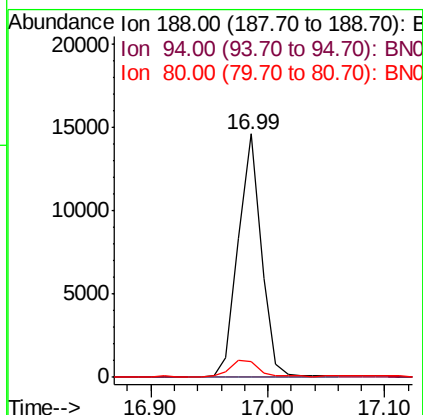
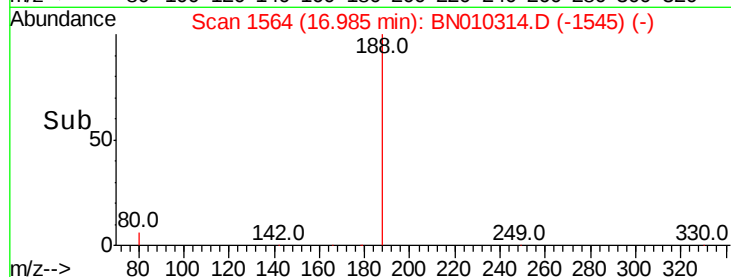
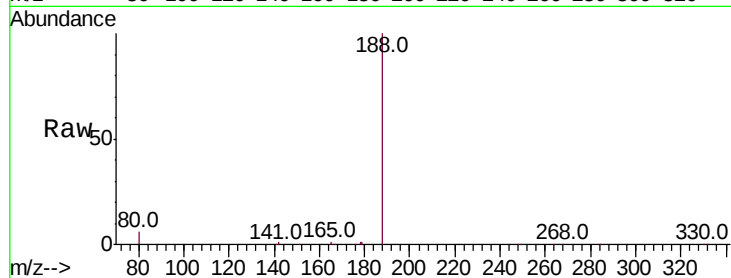
Tot Ion:188 Resp: 19827

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.5 6.0 9.0



#20

4-Bromophenyl-phenylether

Concen: 0.359 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

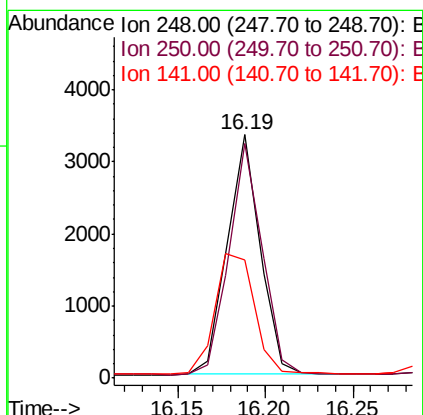
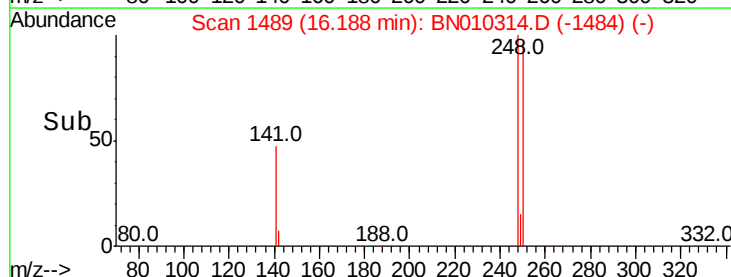
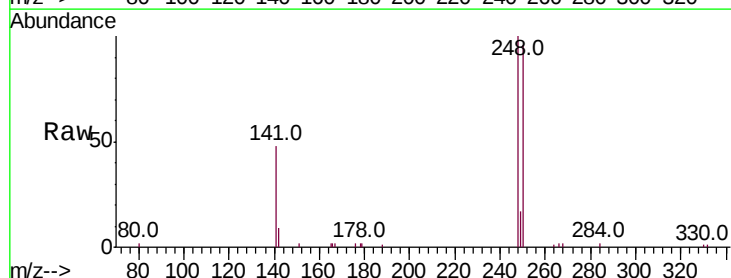
Tgt Ion:248 Resp: 4317

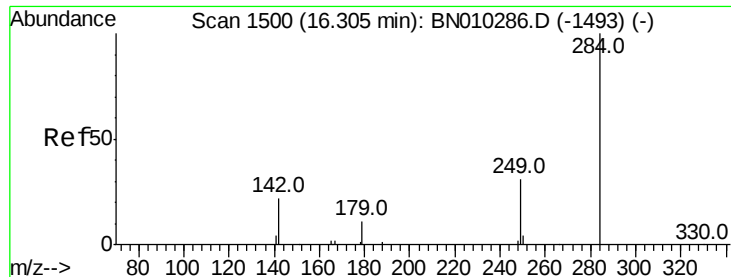
Ion Ratio Lower Upper

248 100

250 96.2 76.8 115.2

141 48.3 44.4 66.6

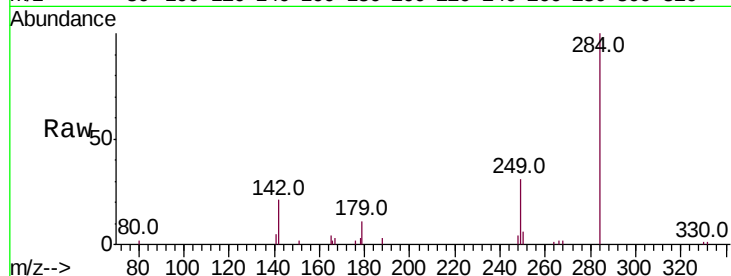




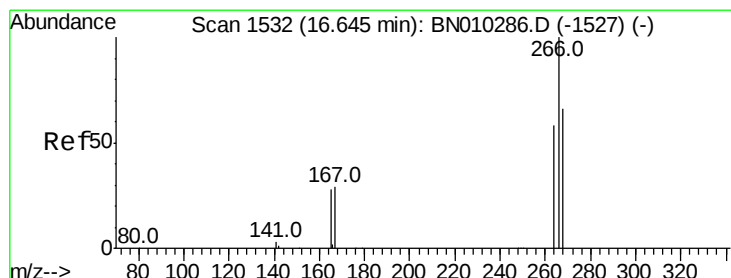
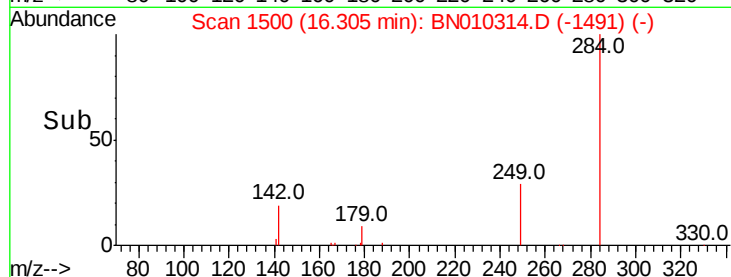
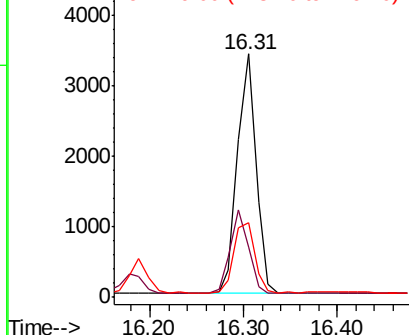
#21
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010314.D
Acq: 20 Mar 2020 22:07

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 4715
Ion Ratio Lower Upper
284 100
142 34.3 27.4 41.2
249 32.7 26.5 39.7

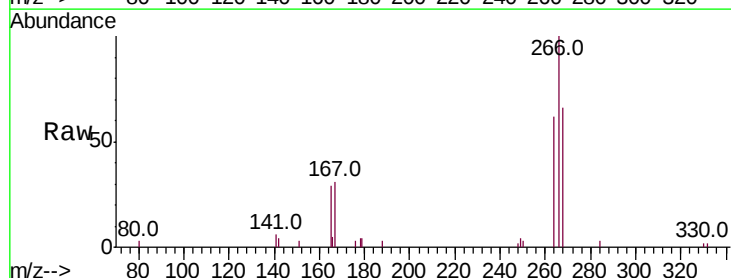


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

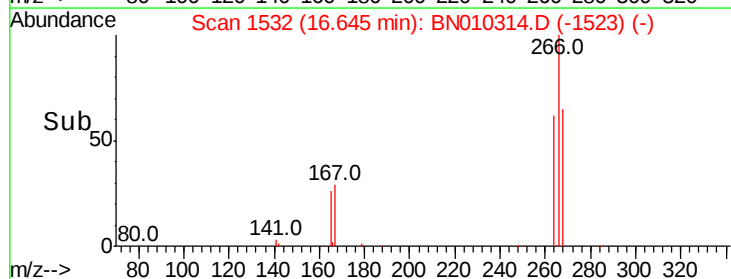
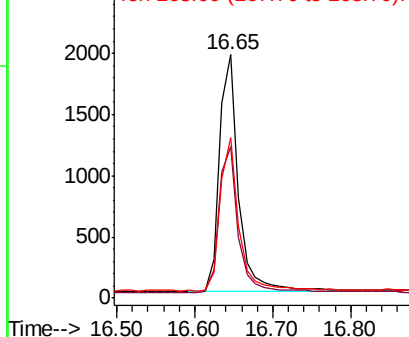


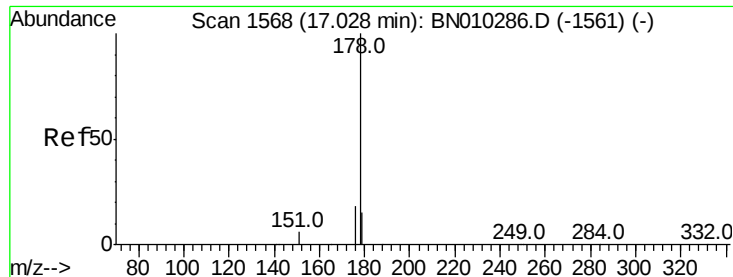
#22
Pentachlorophenol
Concen: 0.786 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010314.D
Acq: 20 Mar 2020 22:07

Tgt Ion:266 Resp: 3322
Ion Ratio Lower Upper
266 100
264 62.2 47.7 71.5
268 65.7 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: 0.374 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

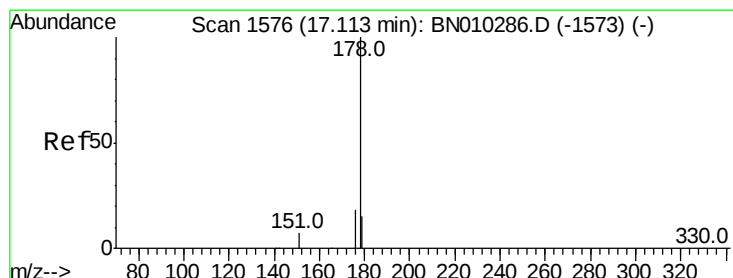
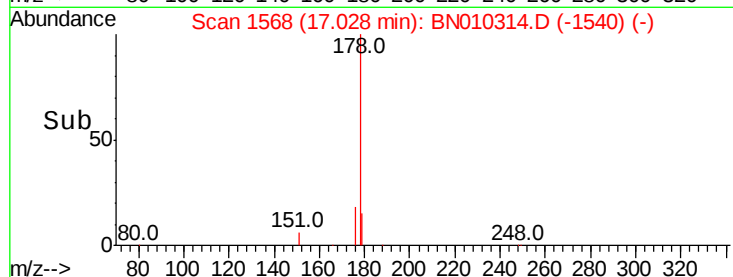
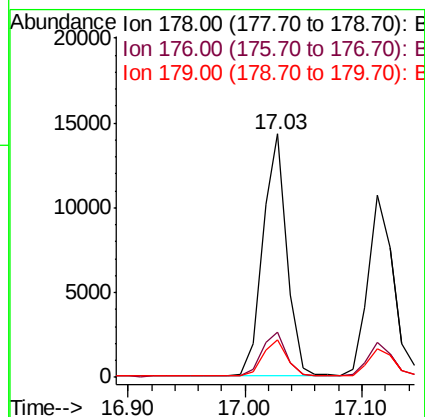
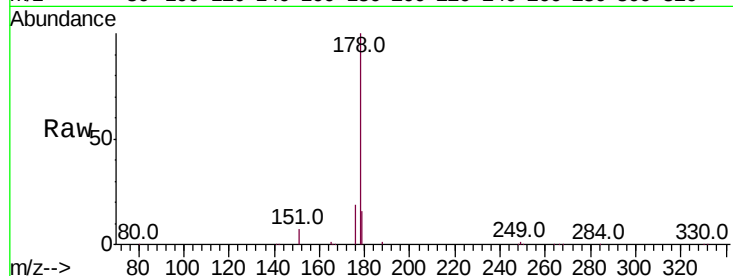
Tot Ion:178 Resp: 20398

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.4 12.4 18.6



#24

Anthracene

Concen: 0.357 ng

RT: 17.11 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

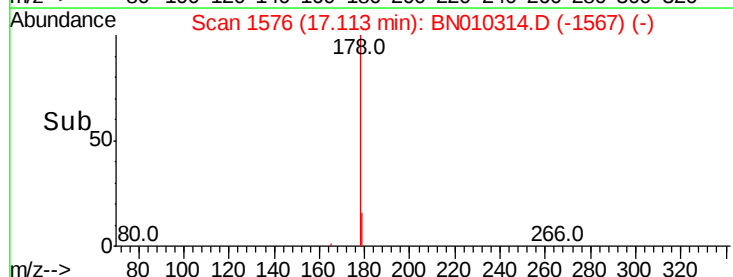
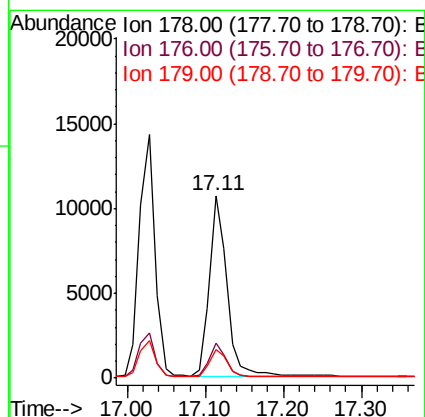
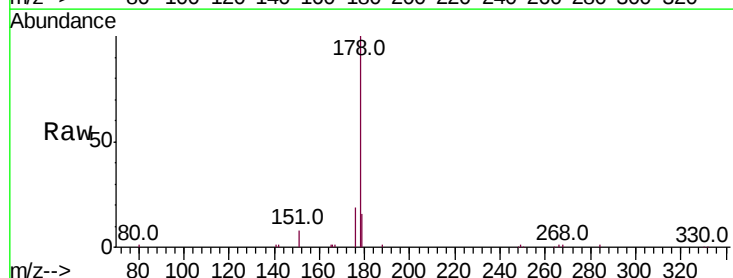
Tgt Ion:178 Resp: 16613

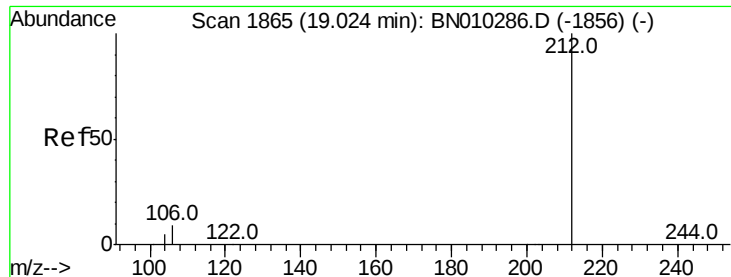
Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.7 12.3 18.5





#25

Fluoranthene-d10

Concen: 0.260 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

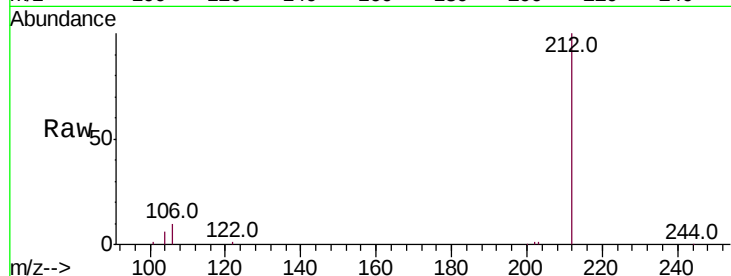
Tot Ion:212 Resp: 15567

Ion Ratio Lower Upper

212 100

106 9.2 7.4 11.2

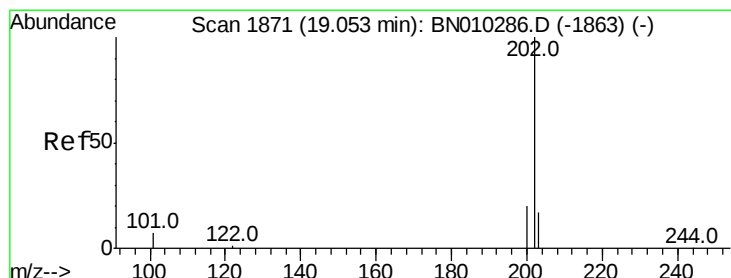
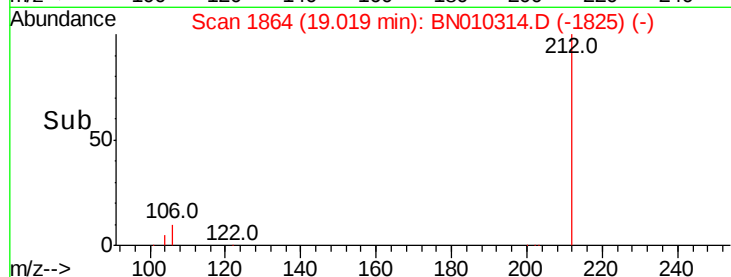
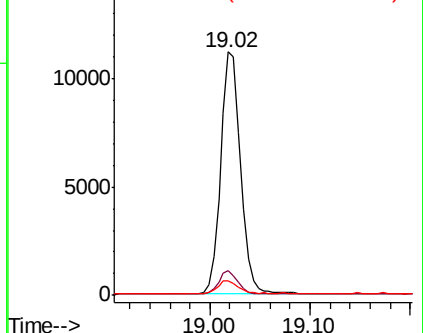
104 5.3 4.2 6.4



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: 0.351 ng

RT: 19.05 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

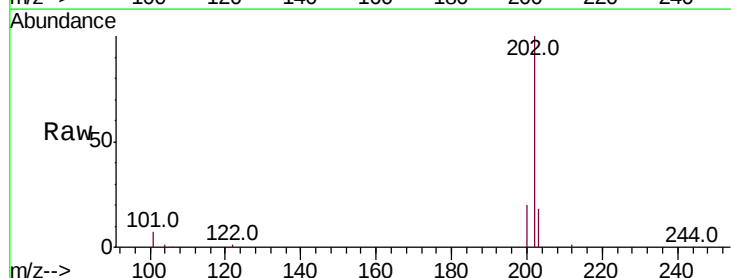
Tgt Ion:202 Resp: 23420

Ion Ratio Lower Upper

202 100

101 7.8 6.6 9.8

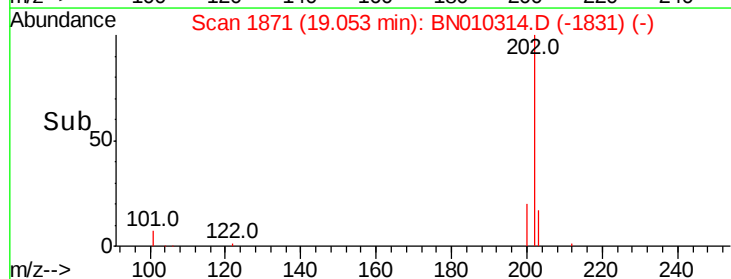
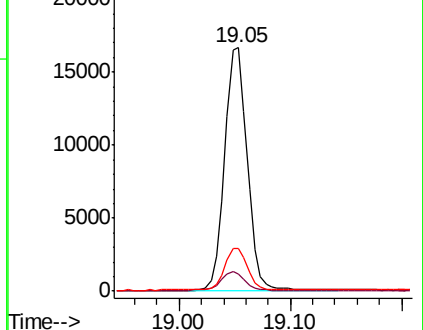
203 17.2 13.8 20.8

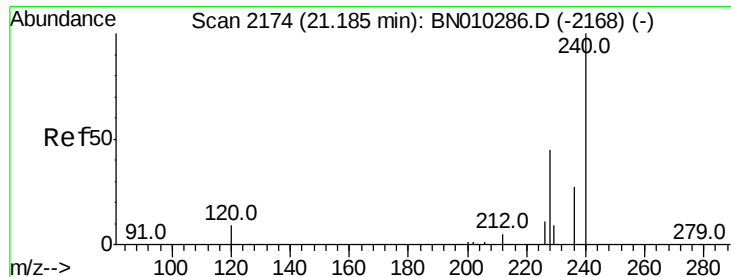


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

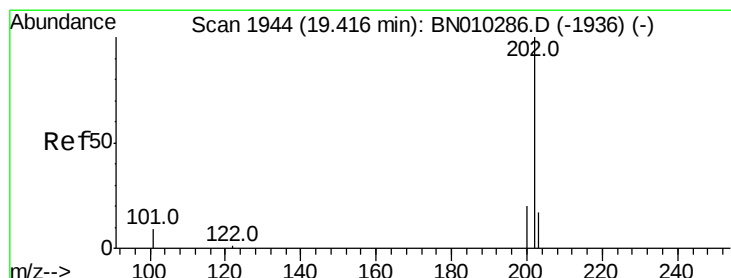
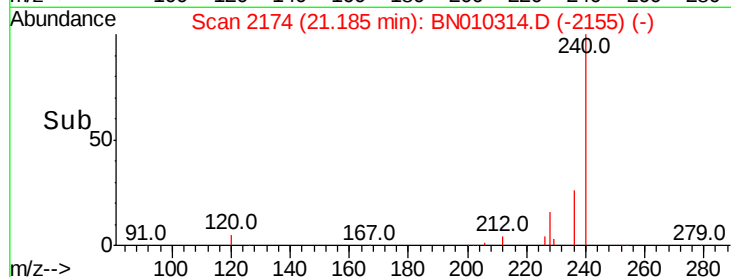
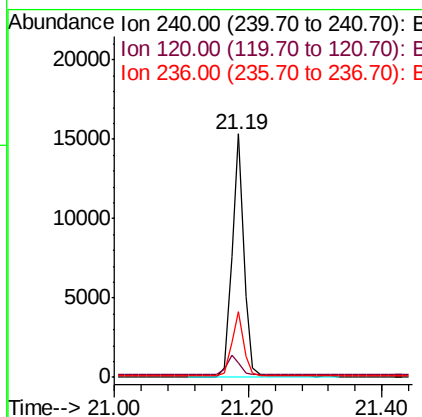
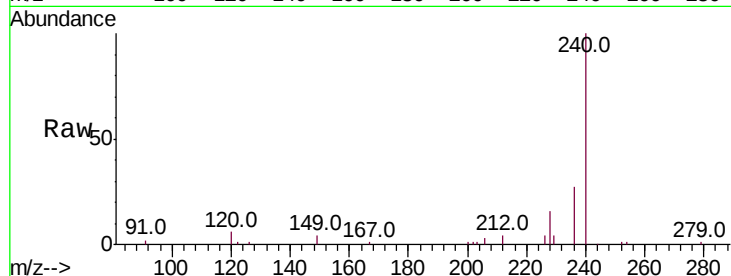




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010314.D
Acq: 20 Mar 2020 22:07

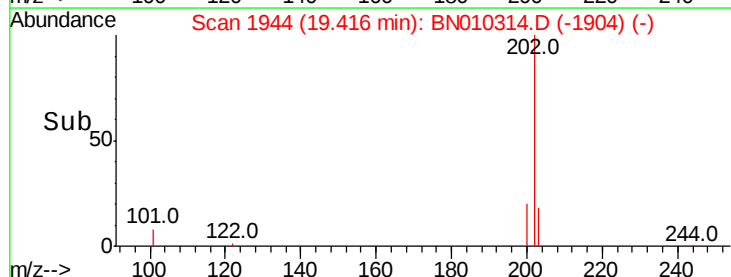
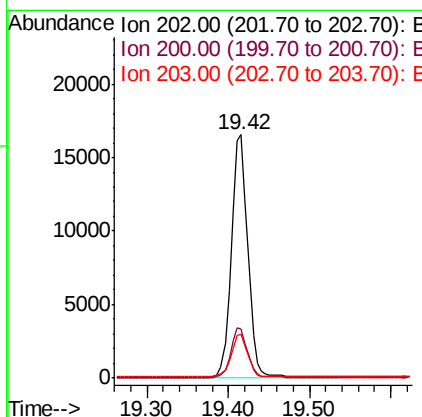
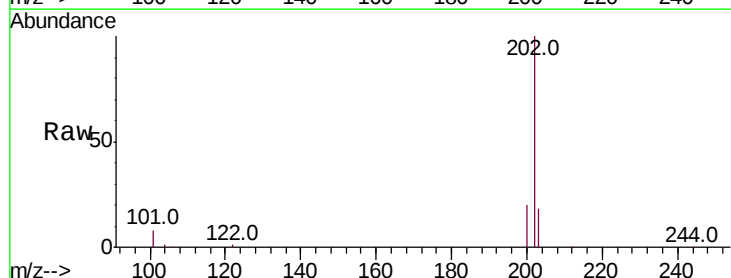
Instrument :
BNA_N
ClientSampleId :

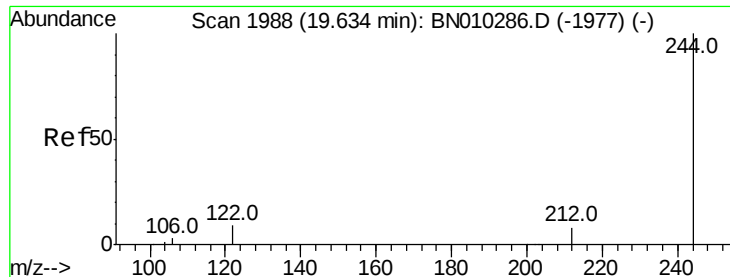
Tot Ion:240 Resp: 18826
Ion Ratio Lower Upper
240 100
120 5.8 7.9 11.9#
236 26.8 22.2 33.4



#28
Pyrene
Concen: 0.394 ng
RT: 19.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BN010314.D
Acq: 20 Mar 2020 22:07

Tgt Ion:202 Resp: 23091
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.4
203 17.8 14.2 21.2





#29

Terphenyl-d14

Concen: 0.490 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

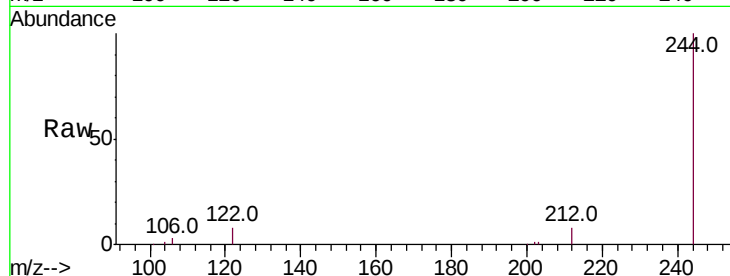
Tot Ion:244 Resp: 19921

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

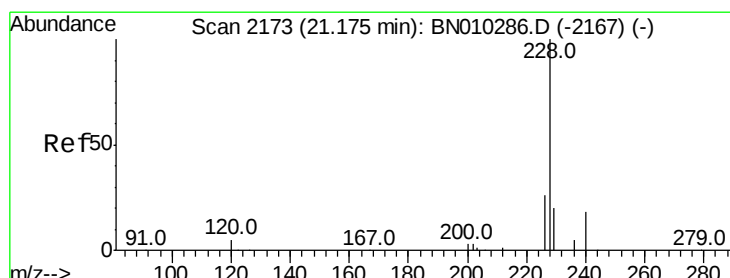
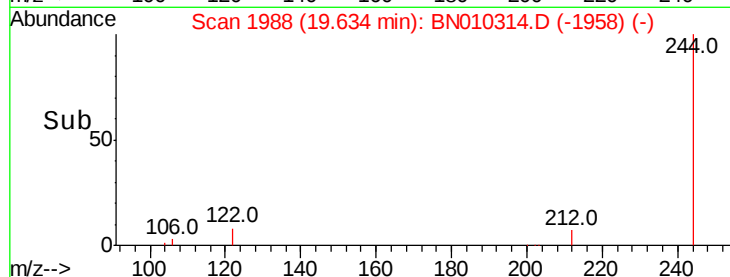
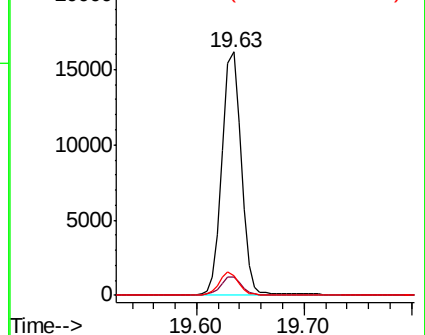
122 8.0 7.6 11.4



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: 0.353 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.01 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

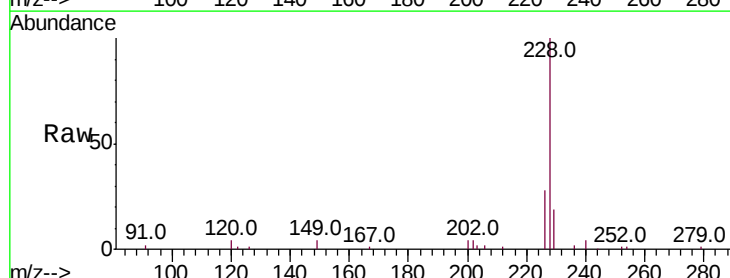
Tgt Ion:228 Resp: 21176

Ion Ratio Lower Upper

228 100

226 27.7 21.0 31.4

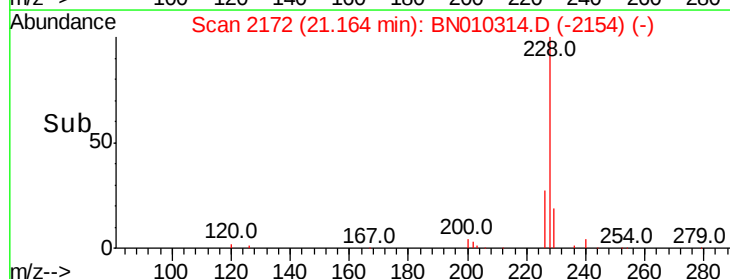
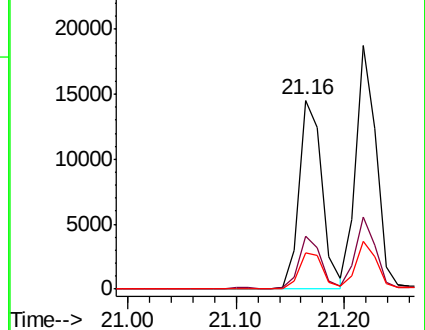
229 18.9 16.0 24.0

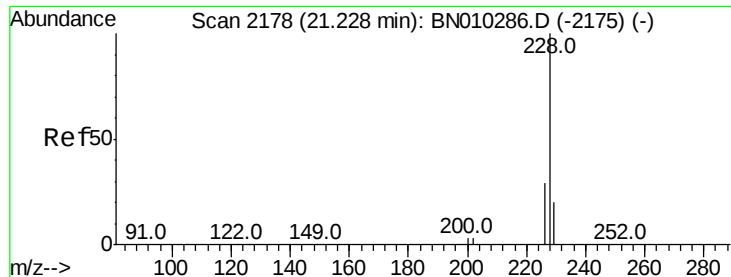


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.380 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

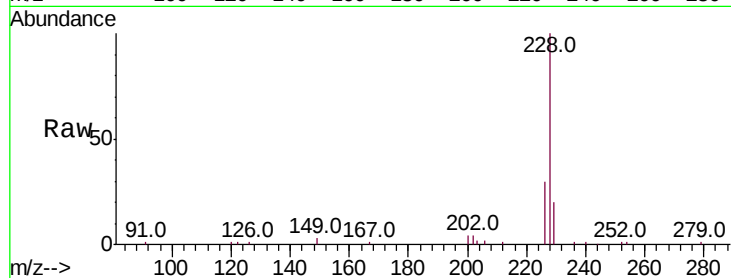
Tot Ion:228 Resp: 24465

Ion Ratio Lower Upper

228 100

226 29.7 23.0 34.6

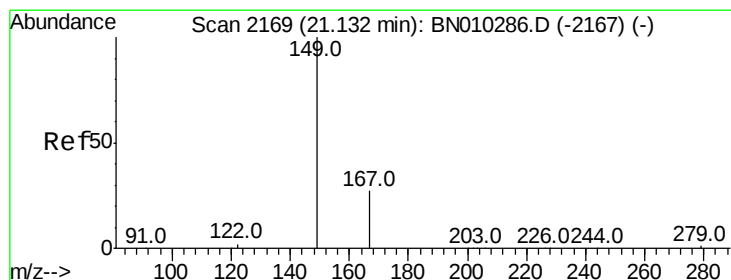
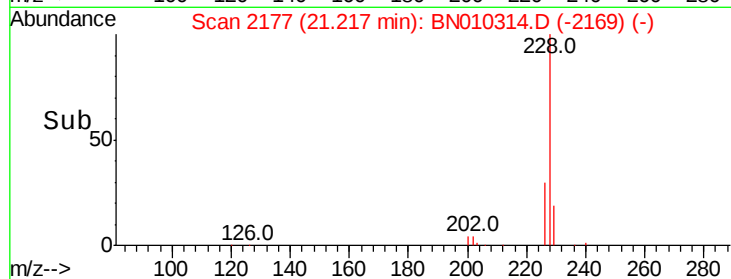
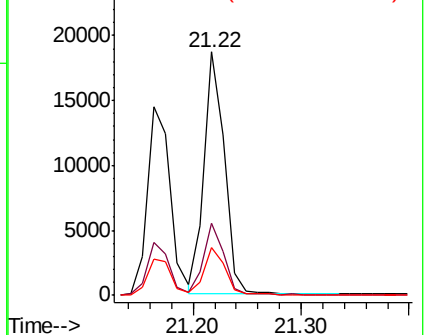
229 19.5 16.0 24.0



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: 0.276 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

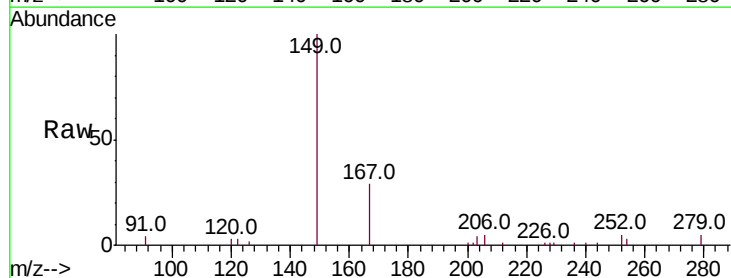
Tgt Ion:149 Resp: 5578

Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.6

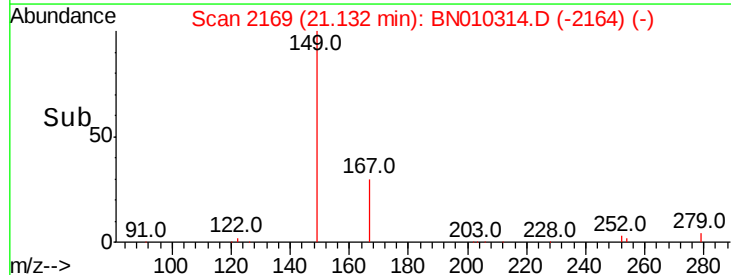
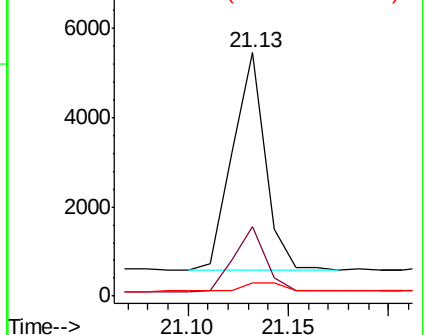
279 4.8 3.8 5.8

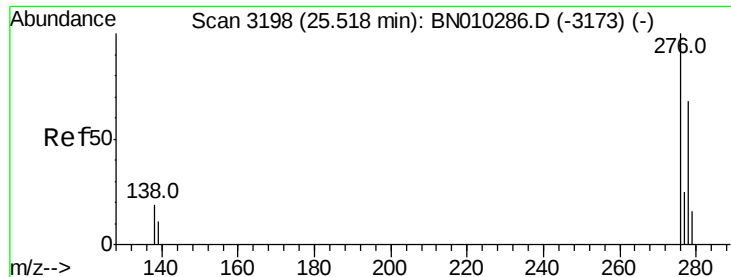


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.365 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.01 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

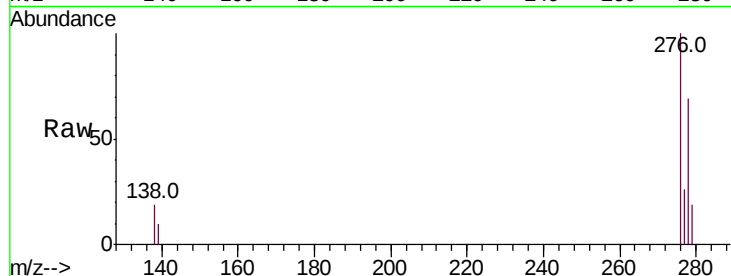
Tot Ion:276 Resp: 25109

Ion Ratio Lower Upper

276 100

138 18.3 15.6 23.4

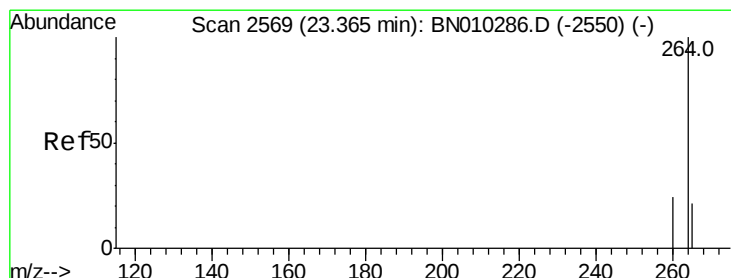
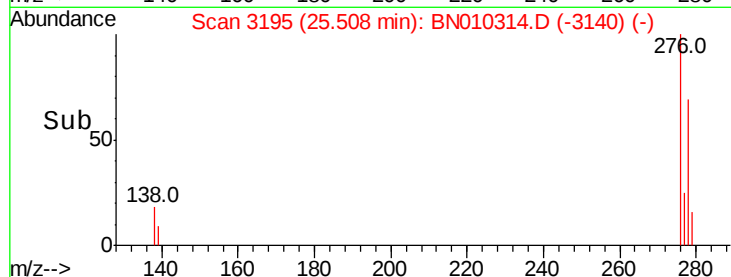
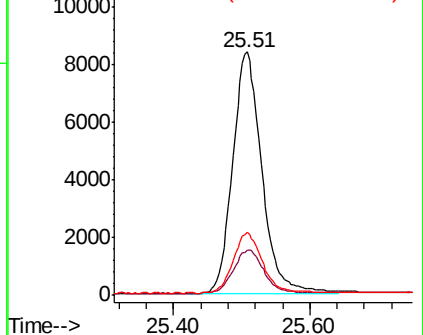
277 24.9 20.1 30.1



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: BN010314.D

Acq: 20 Mar 2020 22:07

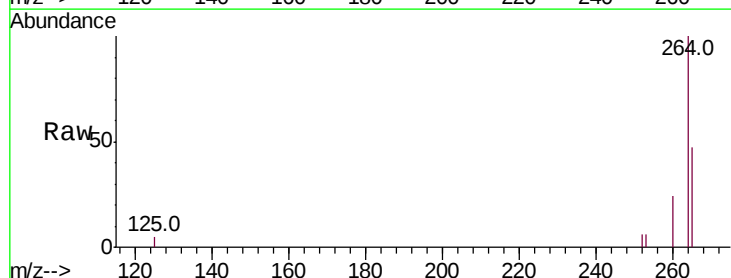
Tgt Ion:264 Resp: 16761

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

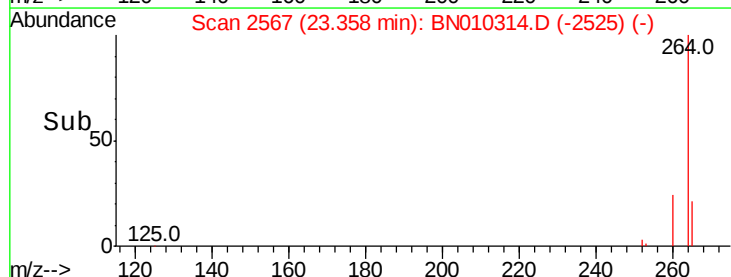
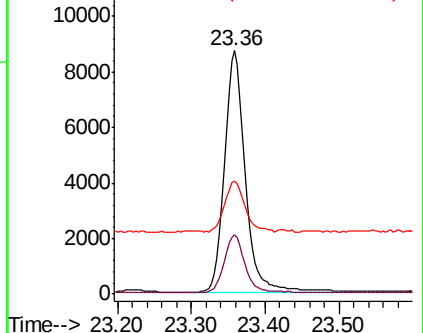
265 46.7 32.4 48.6

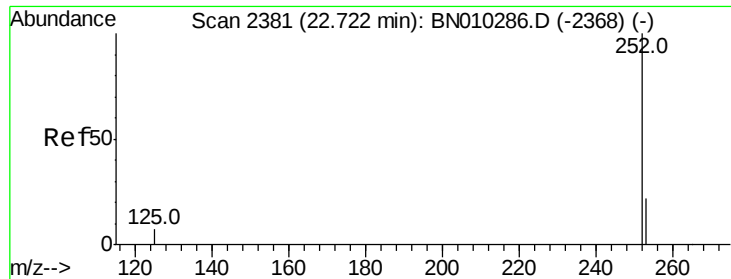


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.391 ng

RT: 22.71 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

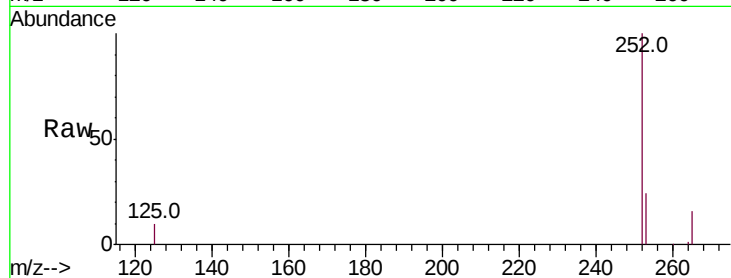
Tot Ion:252 Resp: 22251

Ion Ratio Lower Upper

252 100

253 24.5 19.2 28.8

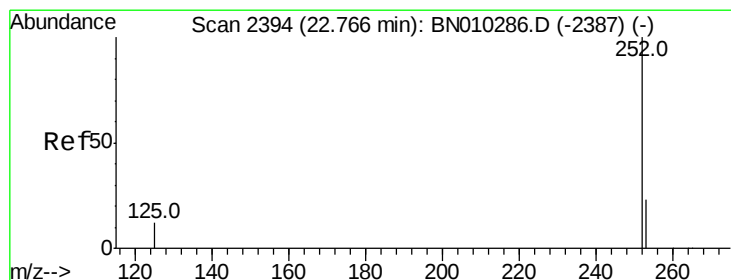
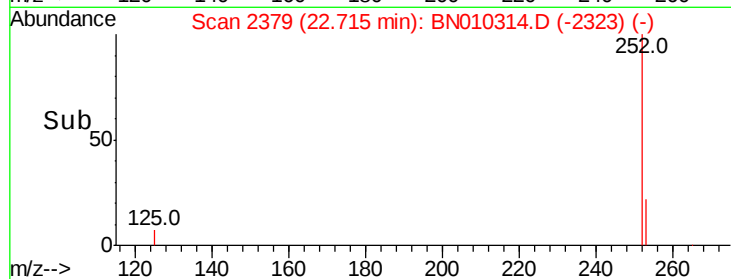
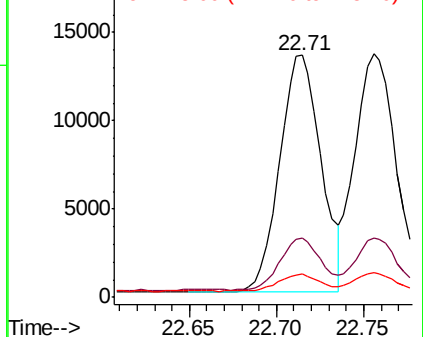
125 9.5 7.4 11.0



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: 0.390 ng

RT: 22.76 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

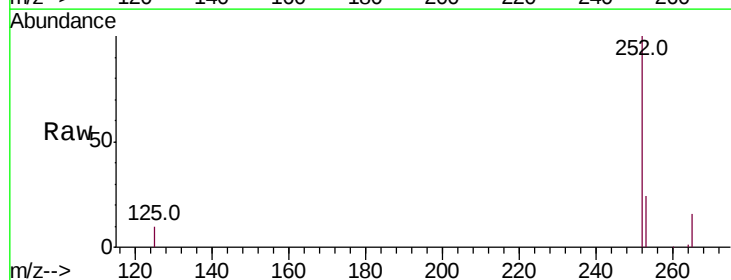
Tgt Ion:252 Resp: 22618

Ion Ratio Lower Upper

252 100

253 24.2 19.4 29.0

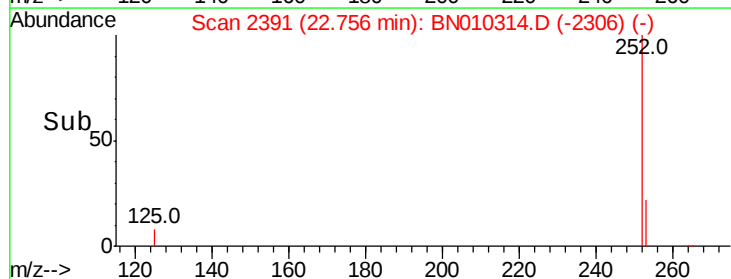
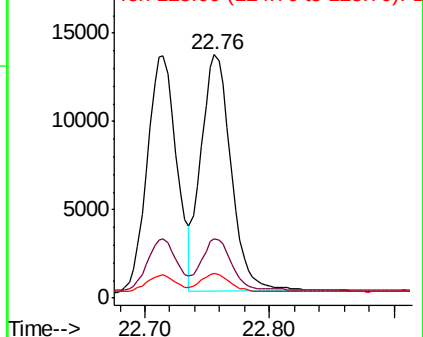
125 10.1 10.2 15.2#

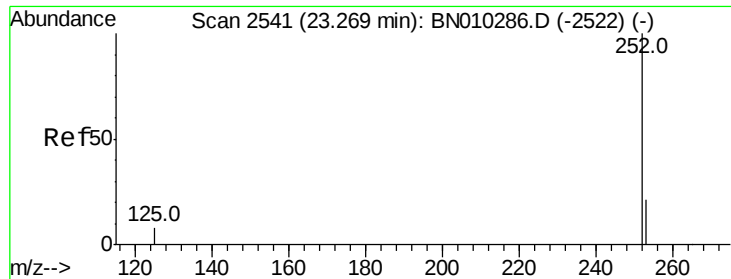


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.391 ng

RT: 23.27 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :

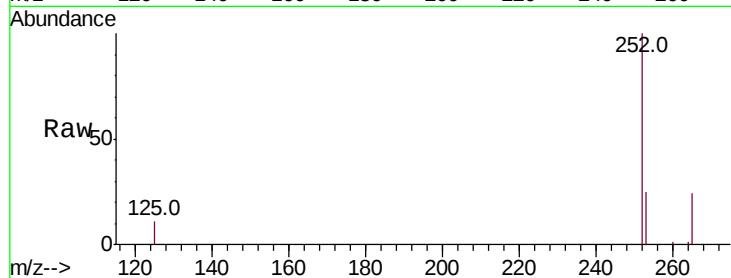
Tot Ion:252 Resp: 18792

Ion Ratio Lower Upper

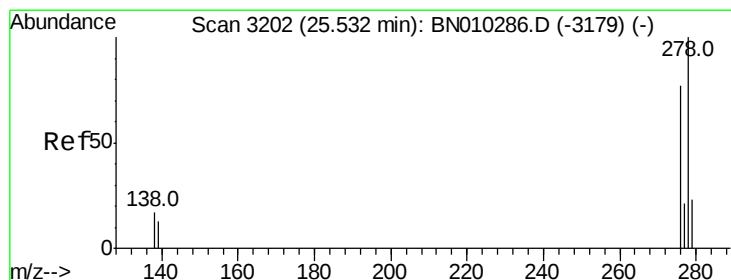
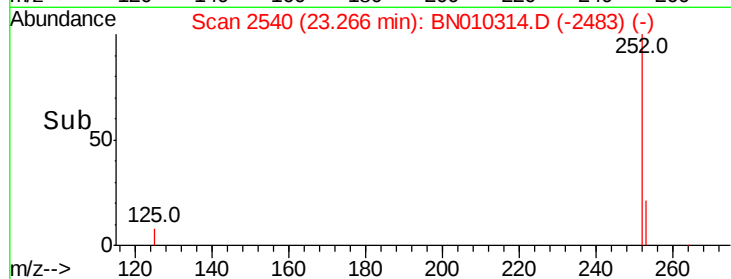
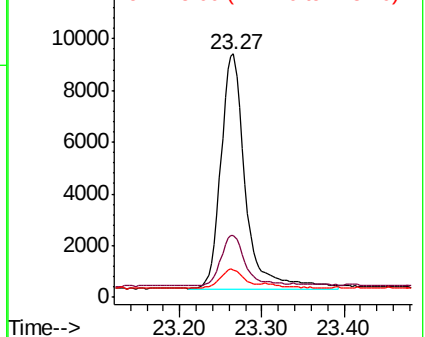
252 100

253 25.4 19.9 29.9

125 11.0 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: 0.408 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.01 min

Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

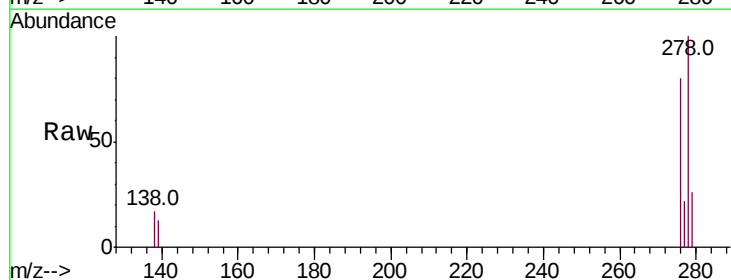
Tgt Ion:278 Resp: 21177

Ion Ratio Lower Upper

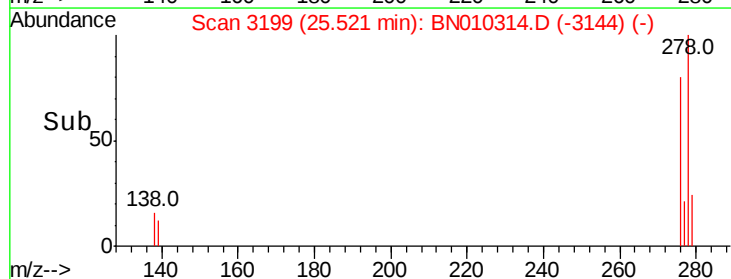
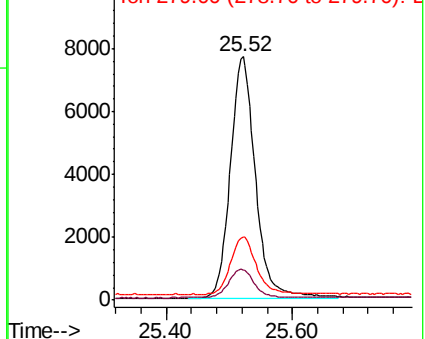
278 100

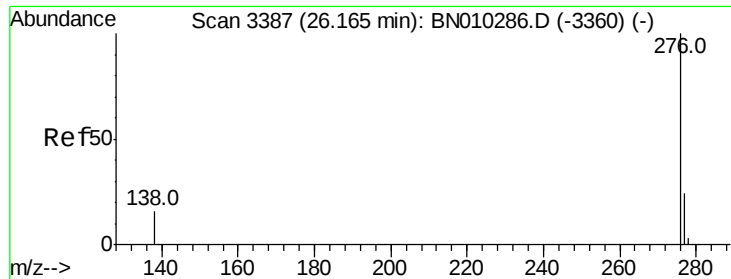
139 12.5 10.6 16.0

279 26.2 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: 0.423 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.01 min

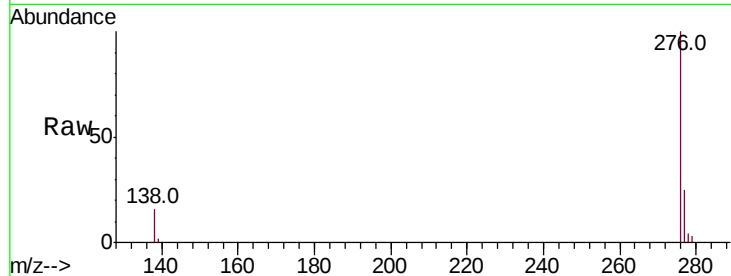
Lab File: BN010314.D

Acq: 20 Mar 2020 22:07

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 22133

Ion Ratio Lower Upper

276 100

277 24.6 19.6 29.4

138 16.3 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

