

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
 Data File : BN010465.D
 Acq On : 13 Apr 2020 13:48
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Apr 13 14:57:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 14:54:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4194	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	17385	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	11049	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	24884	0.40	ng	0.00
27) Chrysene-d12	21.19	240	23957	0.40	ng	0.00
34) Perylene-d12	23.36	264	21474	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	1998	0.24	ng	0.00
5) Phenol-d6	6.80	99	2543	0.25	ng	0.00
8) Nitrobenzene-d5	8.74	82	2352	0.21	ng	0.00
11) 2-Methylnaphthalene-d10	11.96	152	5761	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	942	0.22	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	8074	0.19	ng	0.00
25) Fluoranthene-d10	19.02	212	14613	0.19	ng	0.00
29) Terphenyl-d14	19.63	244	11145	0.22	ng	0.00

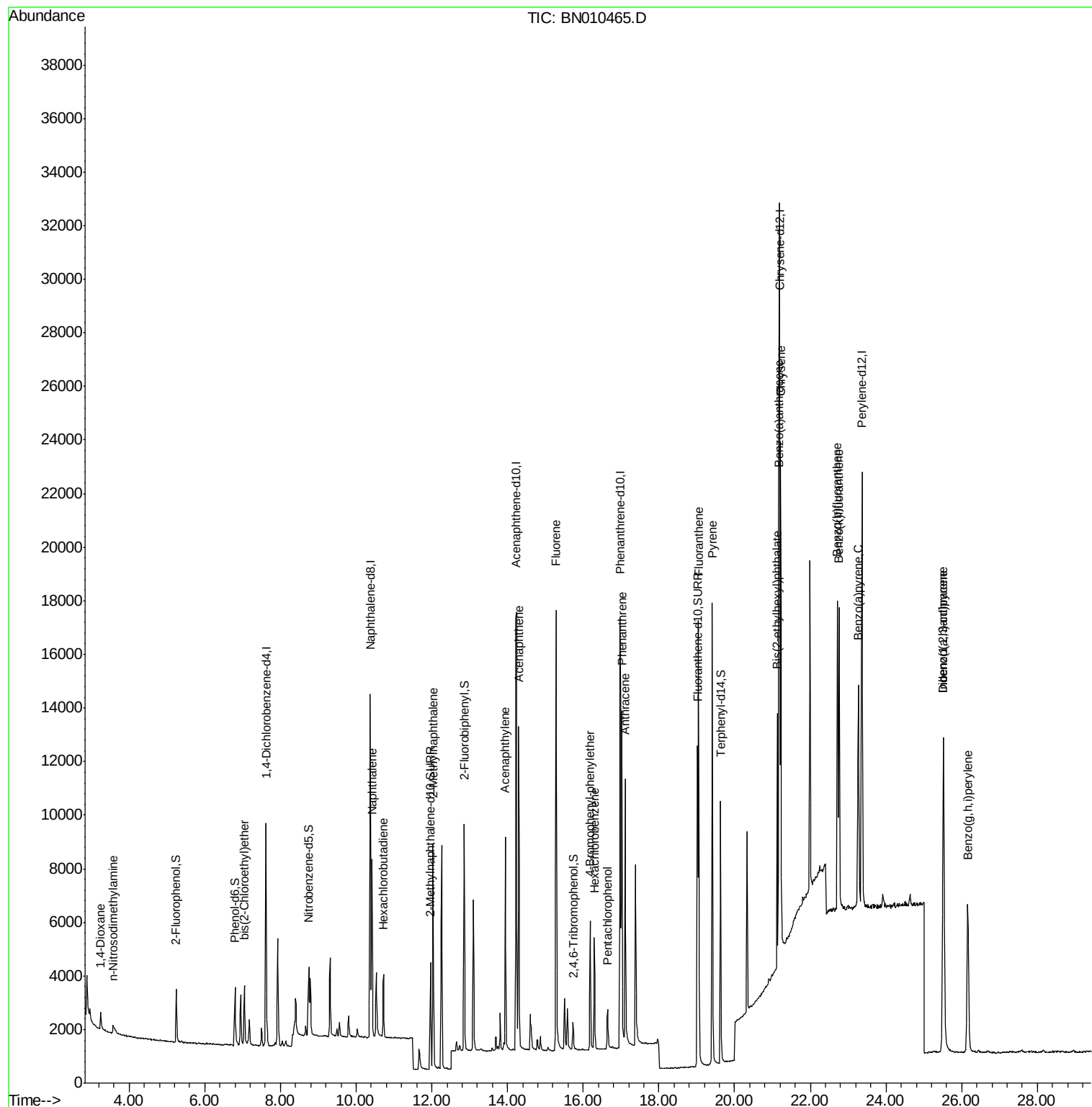
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	646	0.164	ng	98
3) n-Nitrosodimethylamine	3.58	42	358	0.108	ng	# 83
6) bis(2-Chloroethyl)ether	7.05	93	2206	0.222	ng	97
9) Naphthalene	10.42	128	8700	0.201	ng	98
10) Hexachlorobutadiene	10.72	225	2122	0.202	ng	# 100
12) 2-Methylnaphthalene	12.04	142	6202	0.206	ng	100
16) Acenaphthylene	13.95	152	9037	0.208	ng	99
17) Acenaphthene	14.29	154	6066	0.196	ng	100
18) Fluorene	15.28	166	7870	0.192	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	2624	0.174	ng	# 80
21) Hexachlorobenzene	16.29	284	3217	0.207	ng	99
22) Pentachlorophenol	16.65	266	996	0.188	ng	97
23) Phenanthrene	17.02	178	13065	0.191	ng	100
24) Anthracene	17.11	178	11695	0.200	ng	99
26) Fluoranthene	19.04	202	16281	0.194	ng	99
28) Pyrene	19.41	202	16682	0.224	ng	100
30) Benzo(a)anthracene	21.16	228	15701	0.206	ng	97
31) Chrysene	21.22	228	16271	0.199	ng	100
32) Bis(2-ethylhexyl)phthalate	21.12	149	8161	0.317	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	14239	0.162	ng	99
35) Benzo(b)fluoranthene	22.71	252	14414	0.198	ng	# 92
36) Benzo(k)fluoranthene	22.76	252	14286	0.192	ng	# 91
37) Benzo(a)pyrene	23.27	252	12498	0.203	ng	# 90
38) Dibenzo(a,h)anthracene	25.52	278	11482	0.173	ng	93
39) Benzo(g,h,i)perylene	26.16	276	11789	0.176	ng	95

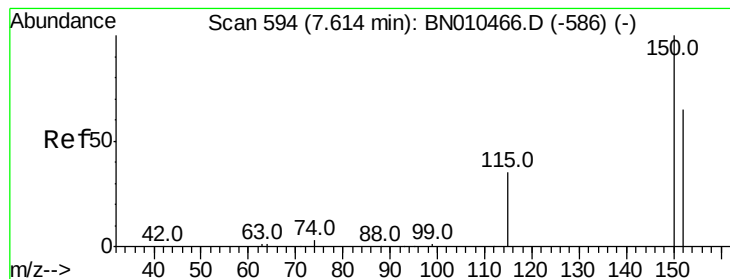
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 594

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

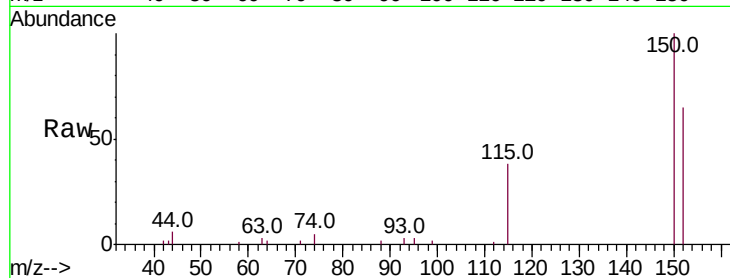
Tot Ion:152 Resp: 4194

Ion Ratio Lower Upper

152 100

150 154.2 121.8 182.6

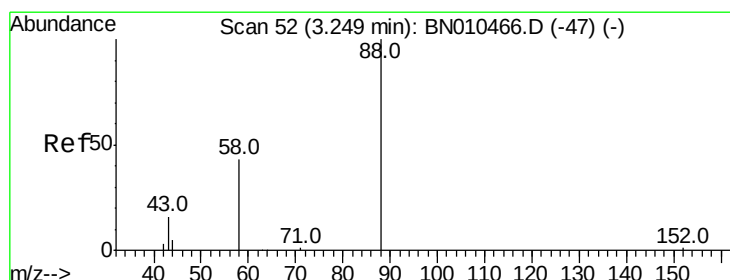
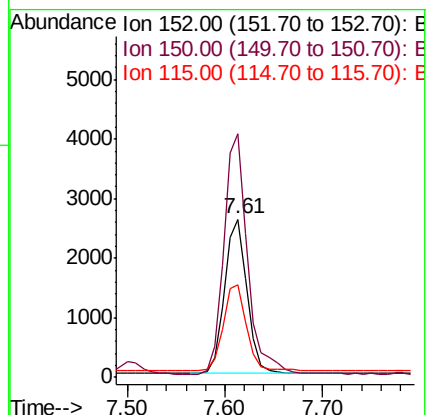
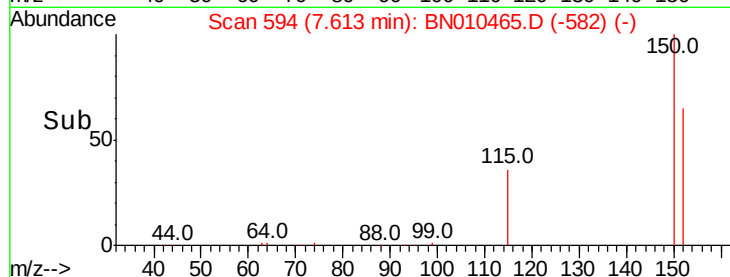
115 58.5 45.5 68.3



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: 0.164 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

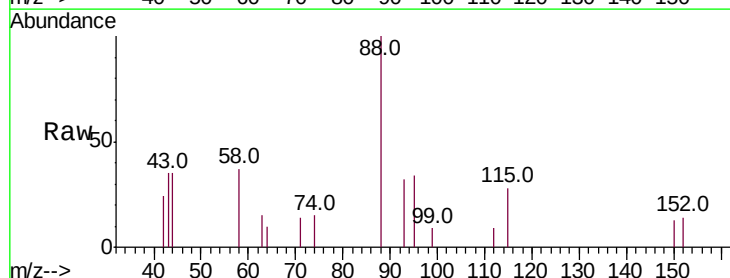
Tgt Ion: 88 Resp: 646

Ion Ratio Lower Upper

88 100

58 46.9 36.5 54.7

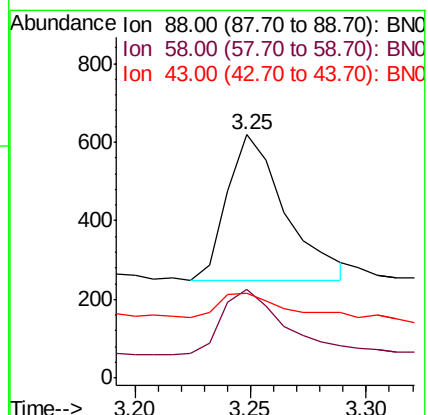
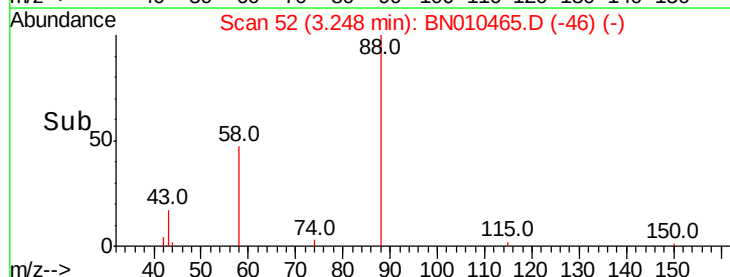
43 17.3 13.2 19.8

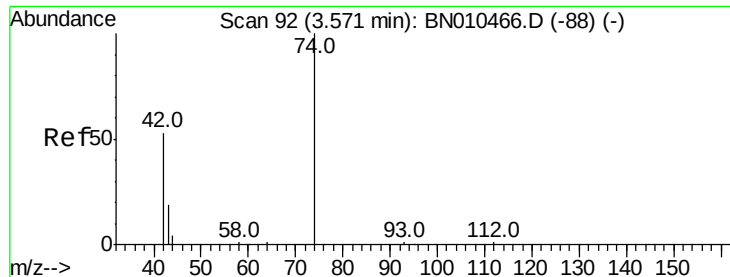


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.108 ng

RT: 3.58 min Scan# 93

Delta R.T. 0.01 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

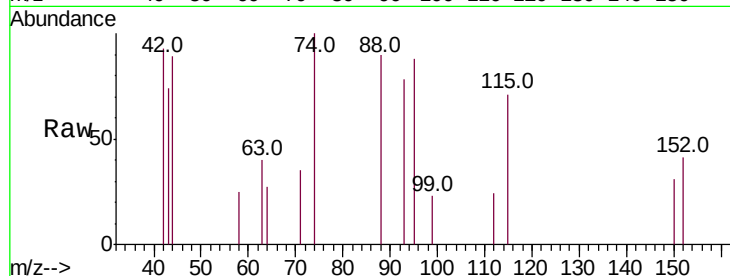
Tot Ion: 42 Resp: 358

Ion Ratio Lower Upper

42 100

74 177.1 162.2 243.4

44 9.2 2.4 3.6#



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

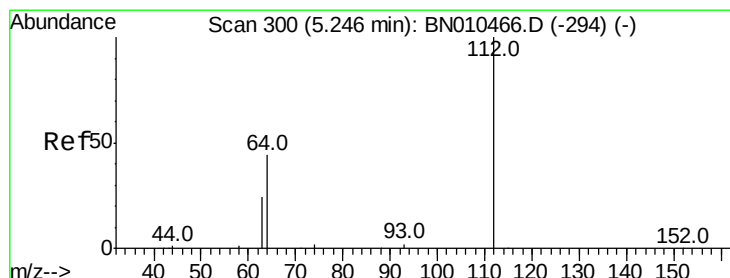
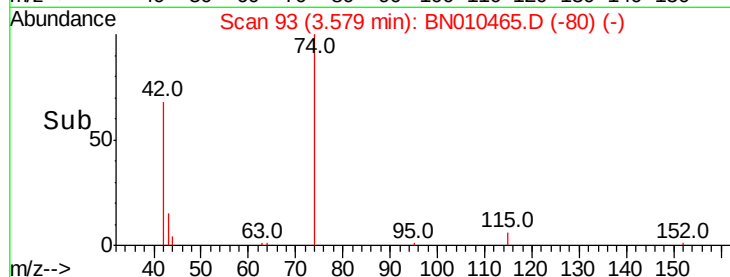
3.58

200

100

0

Time-->



#4

2-Fluorophenol

Concen: 0.241 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

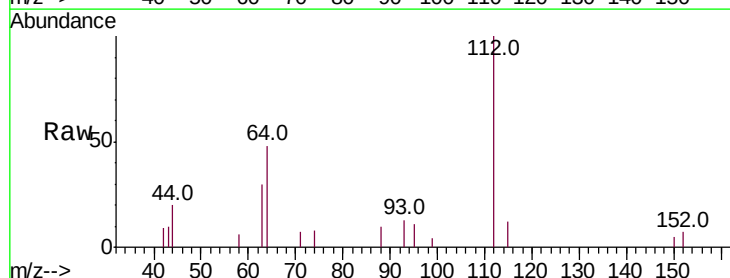
Tgt Ion: 112 Resp: 1998

Ion Ratio Lower Upper

112 100

64 44.2 35.8 53.8

63 24.5 19.9 29.9



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

5.25

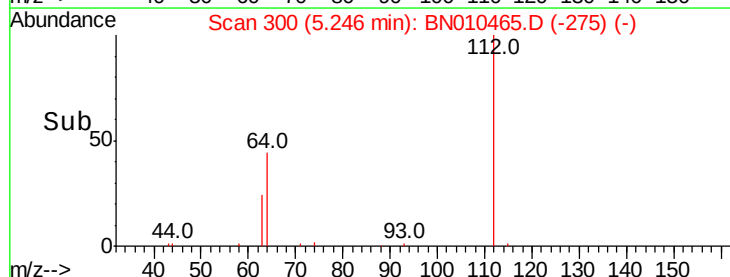
1500

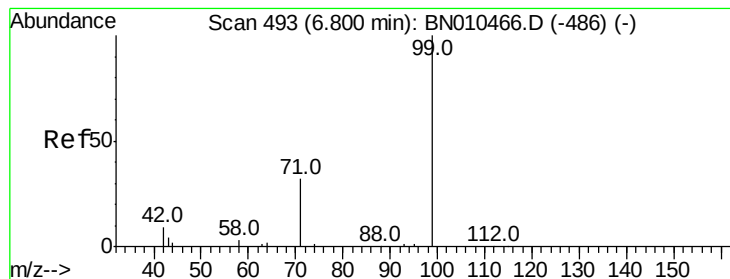
1000

500

0

Time-->





#5

Phenol-d6

Concen: 0.246 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

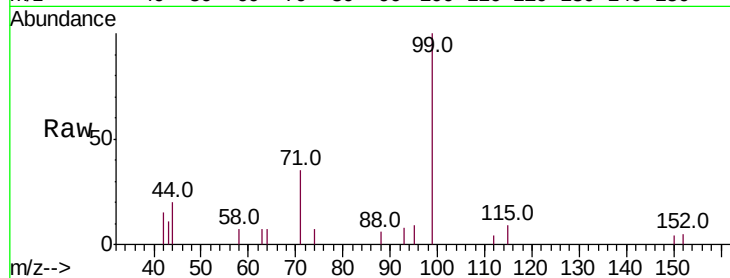
Tot Ion: 99 Resp: 2543

Ion Ratio Lower Upper

99 100

42 12.1 9.8 14.6

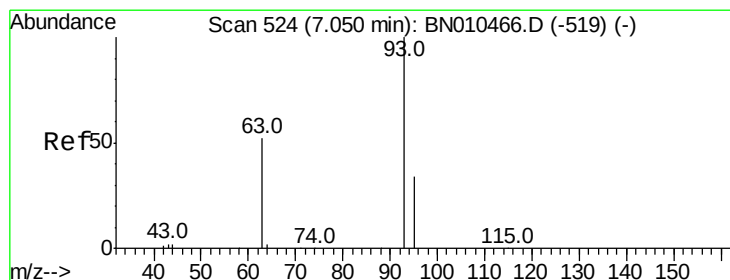
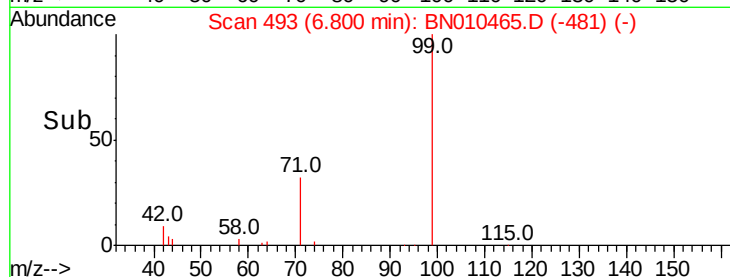
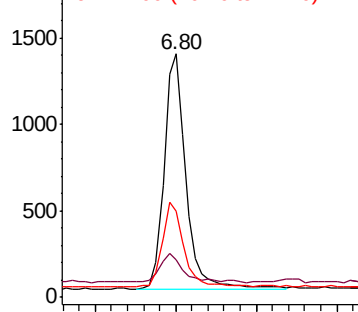
71 34.9 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.222 ng

RT: 7.05 min Scan# 524

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

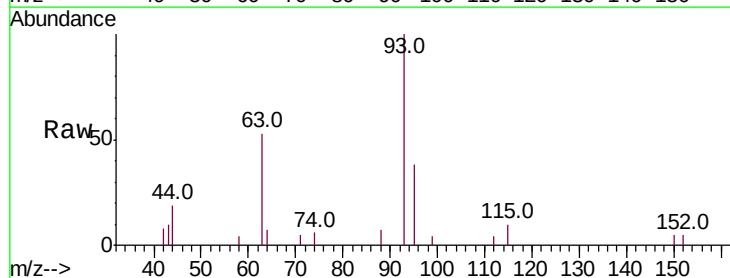
Tgt Ion: 93 Resp: 2206

Ion Ratio Lower Upper

93 100

63 53.1 44.6 66.8

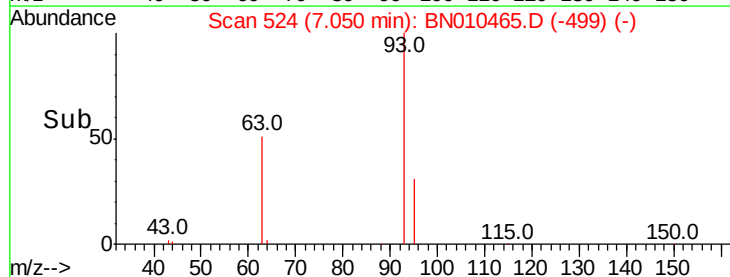
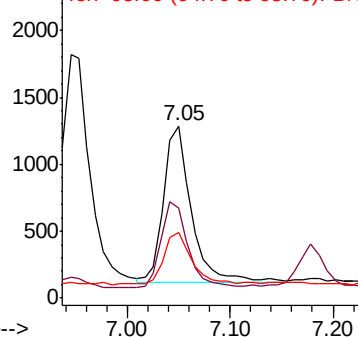
95 32.0 26.5 39.7

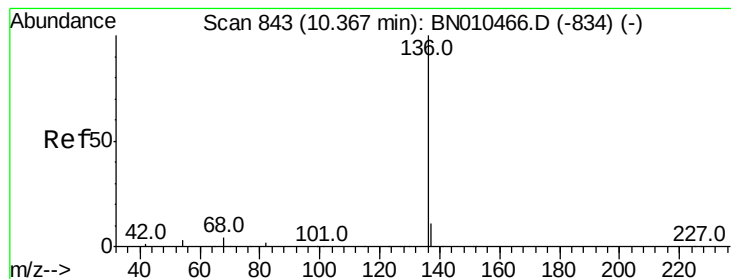


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 63.00 (62.70 to 63.70): BN0

Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 17385

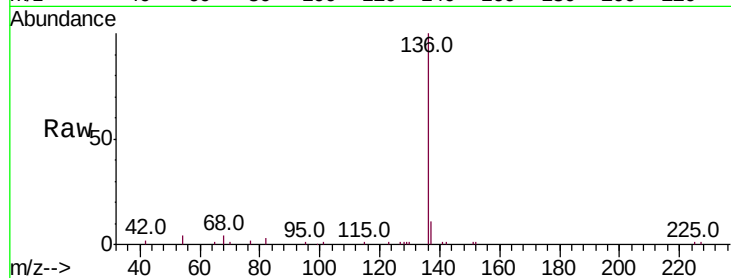
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 3.6 2.6 4.0

68 4.4 3.4 5.2

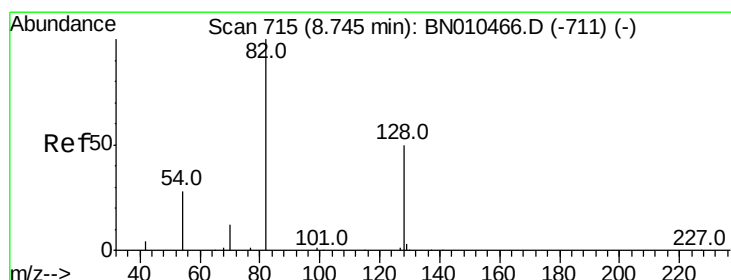
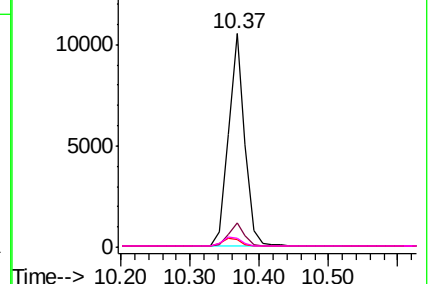
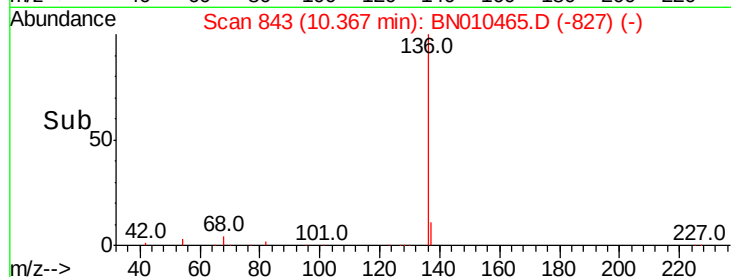


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.211 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

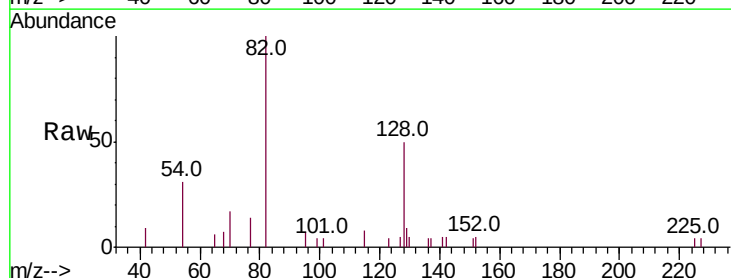
Tgt Ion: 82 Resp: 2352

Ion Ratio Lower Upper

82 100

128 49.7 41.3 61.9

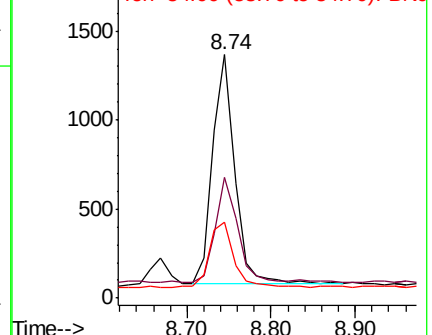
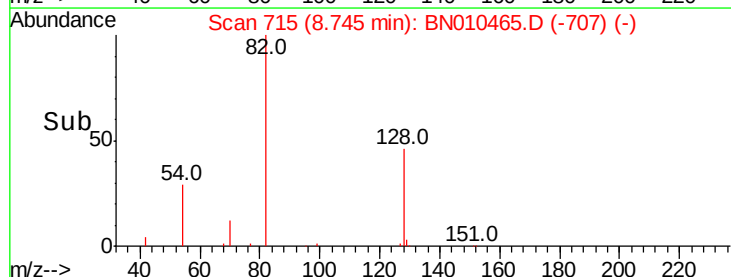
54 31.5 23.4 35.0

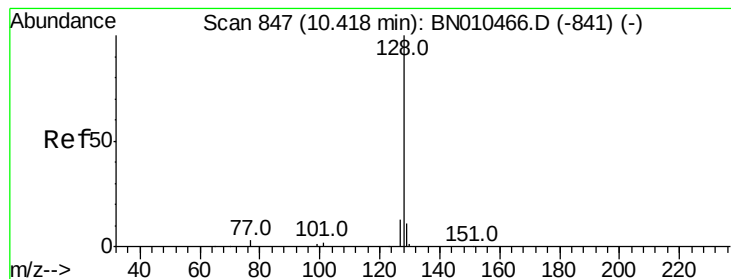


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.201 ng

RT: 10.42 min Scan# 847

Delta R.T. -0.00 min

Lab File: BN010465.D

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SSTDIC0.2

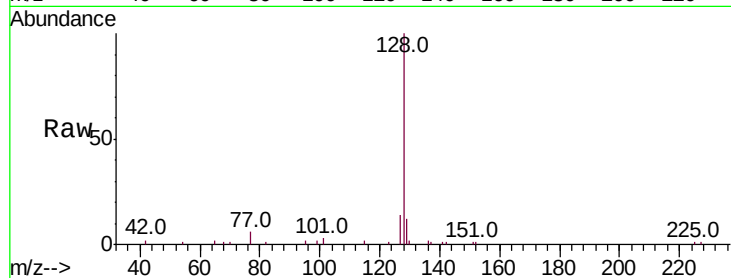
Tot Ion:128 Resp: 8700

Ion Ratio Lower Upper

128 100

129 12.1 9.3 13.9

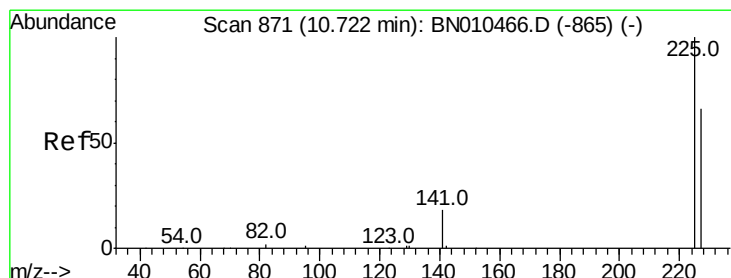
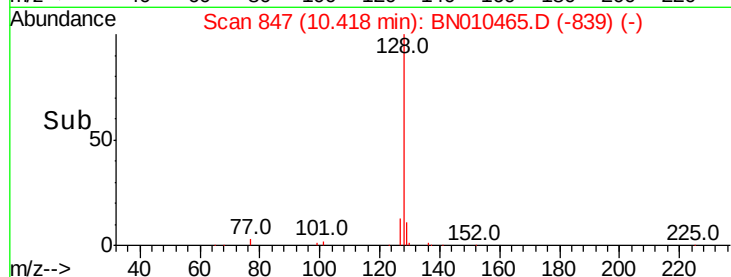
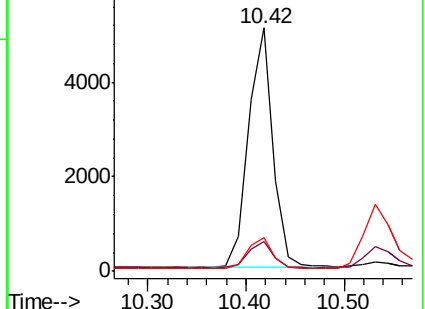
127 14.0 10.5 15.7



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: 0.202 ng

RT: 10.72 min Scan# 871

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

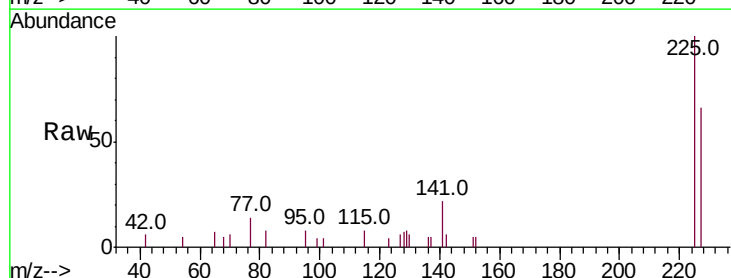
Tgt Ion:225 Resp: 2122

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

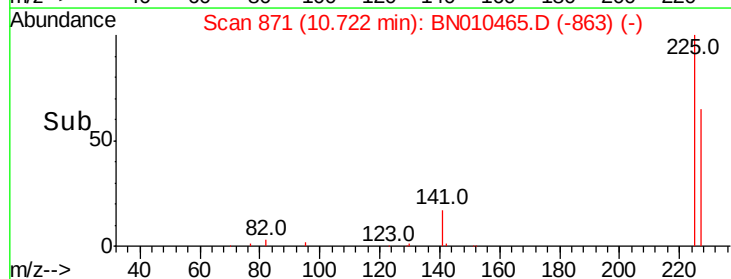
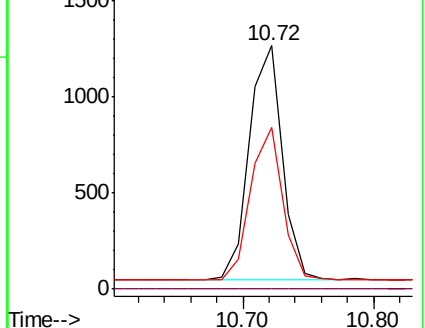
227 63.6 50.6 76.0

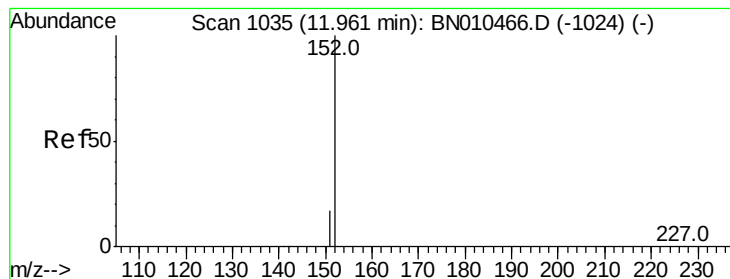


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.208 ng

RT: 11.96 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

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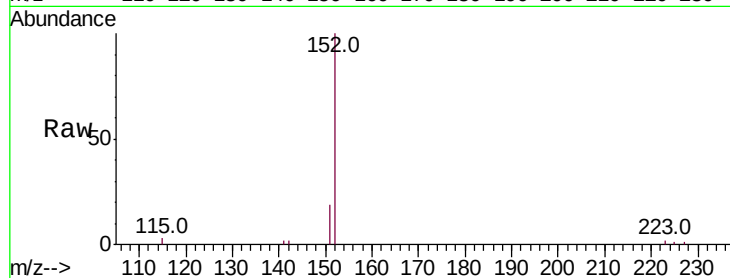
SSTDIC0.2

Tot Ion:152 Resp: 5761

Ion Ratio Lower Upper

152 100

151 19.5 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.96

4000

3000

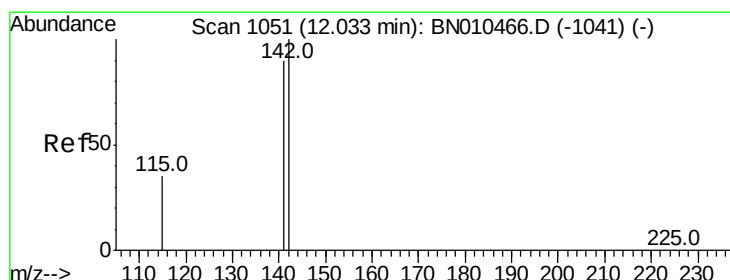
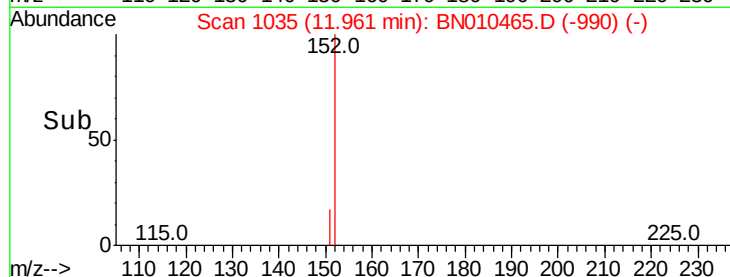
2000

1000

0

Time-->

11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.206 ng

RT: 12.04 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

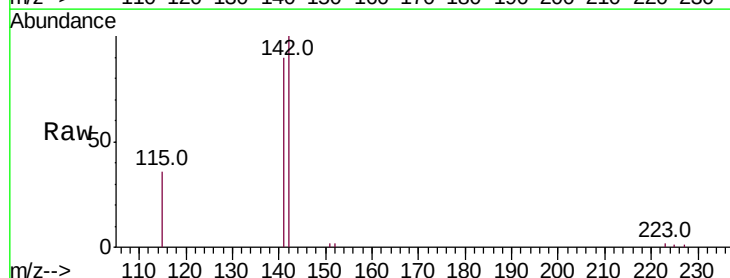
Tgt Ion:142 Resp: 6202

Ion Ratio Lower Upper

142 100

141 89.8 71.9 107.9

115 35.9 28.8 43.2



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

12.04

5000

4000

3000

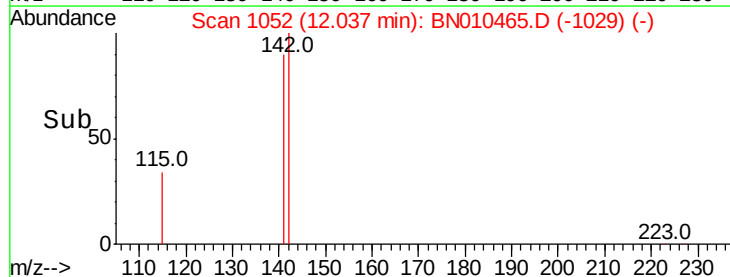
2000

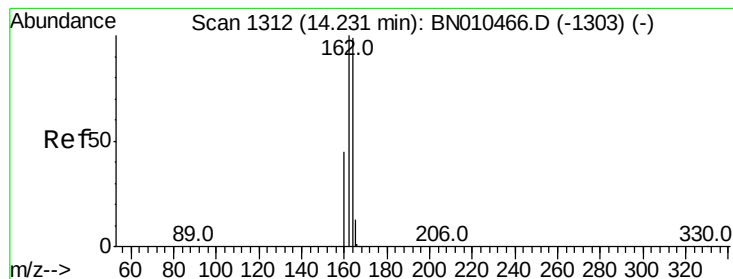
1000

0

Time-->

11.90 12.00 12.10 12.20





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

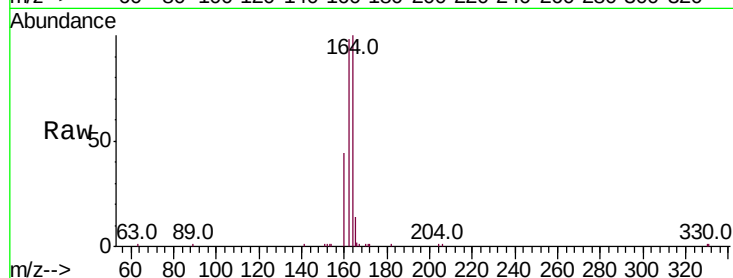
Tot Ion:164 Resp: 11049

Ion Ratio Lower Upper

164 100

162 98.2 80.6 121.0

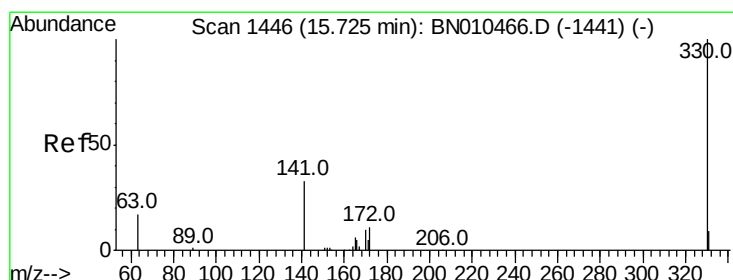
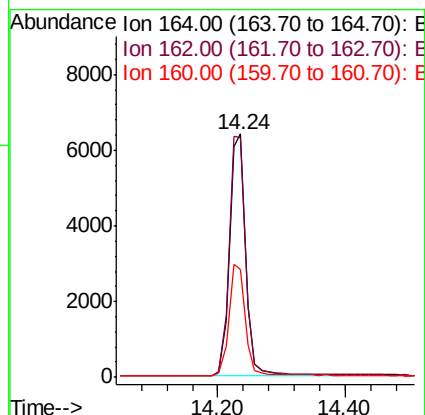
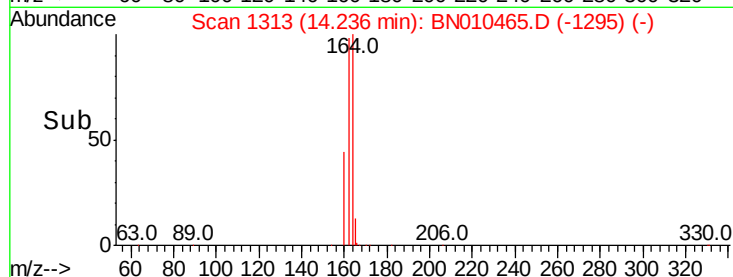
160 44.1 36.5 54.7



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: 0.222 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

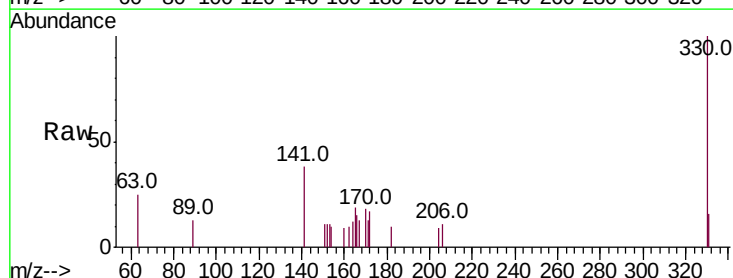
Tgt Ion:330 Resp: 942

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

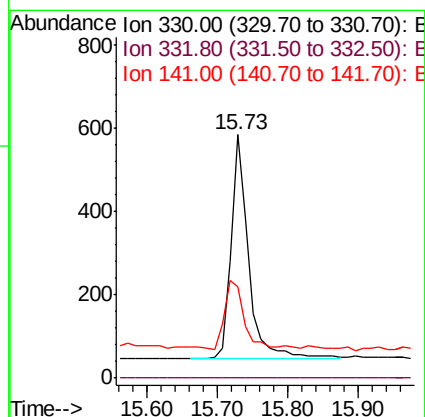
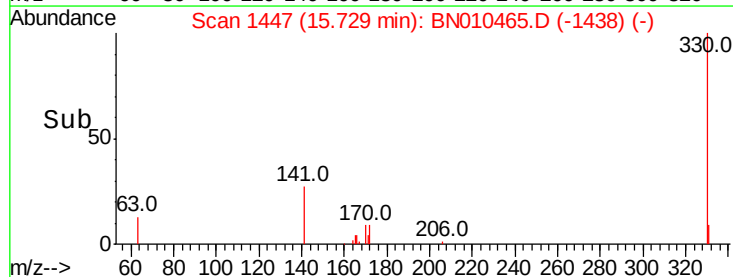
141 33.3 28.1 42.1

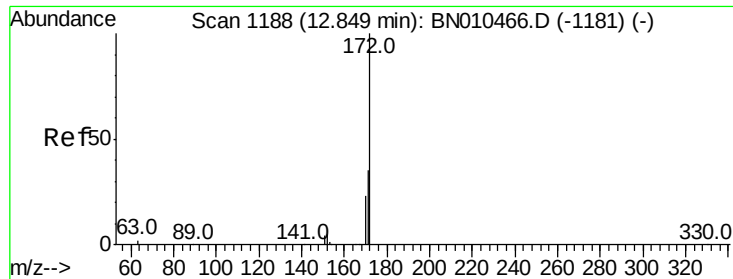


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

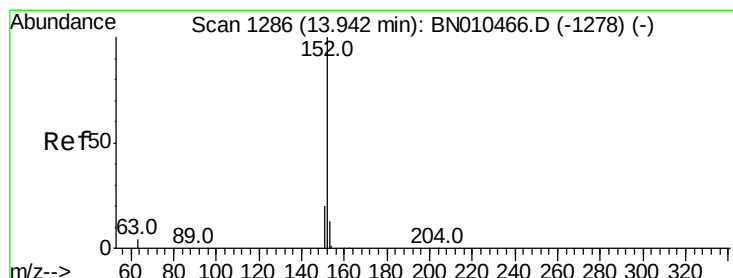
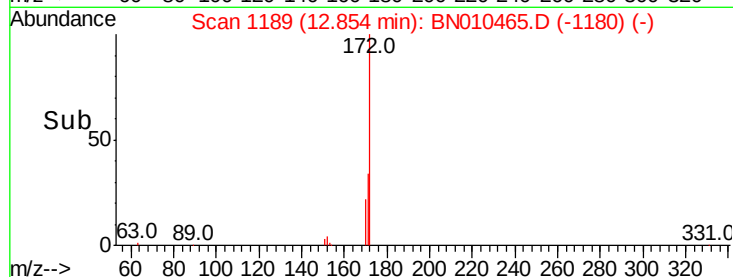
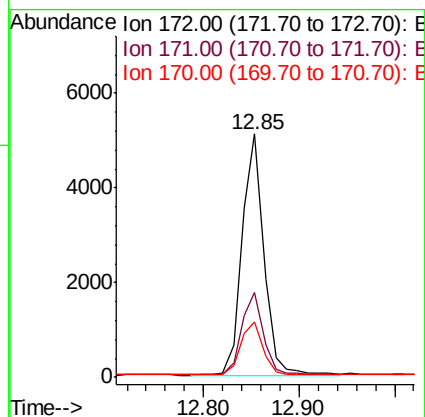
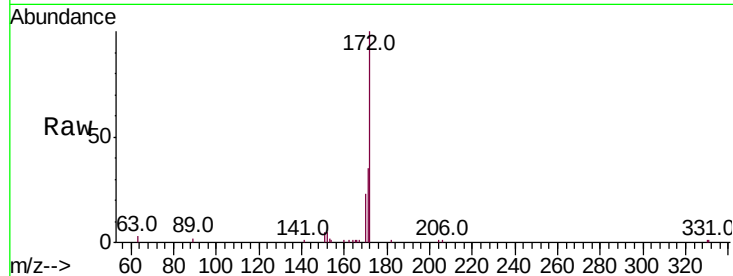




#15
2-Fluorobiphenyl
Concen: 0.191 ng
RT: 12.85 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

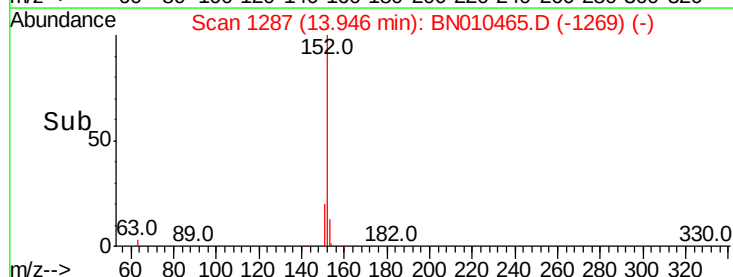
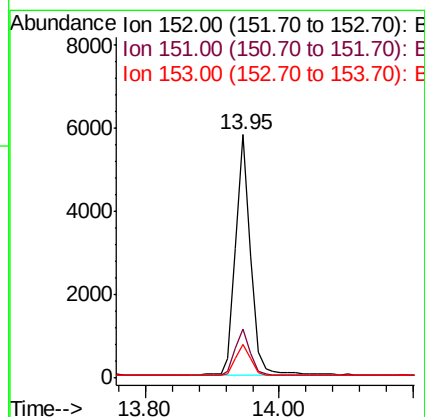
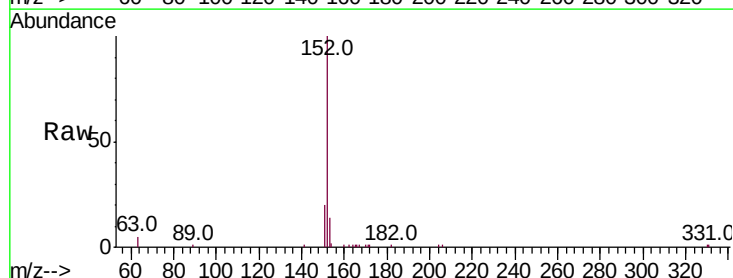
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

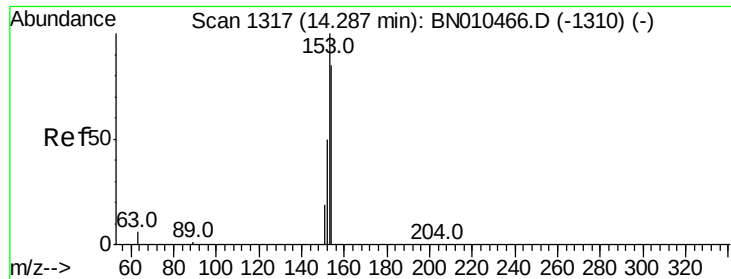
Tot Ion:172 Resp: 8074
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 22.7 18.4 27.6



#16
Acenaphthylene
Concen: 0.208 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:152 Resp: 9037
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.3 10.6 15.8





#17

Acenaphthene

Concen: 0.196 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

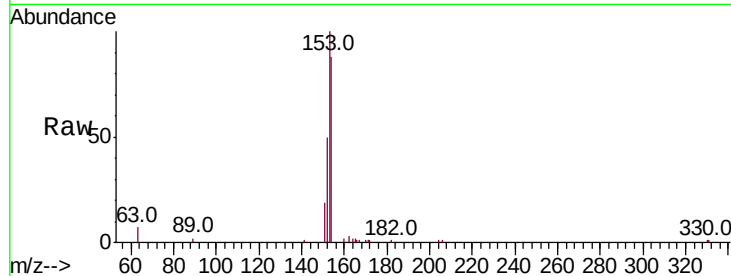
Tot Ion:154 Resp: 6066

Ion Ratio Lower Upper

154 100

153 113.8 91.0 136.4

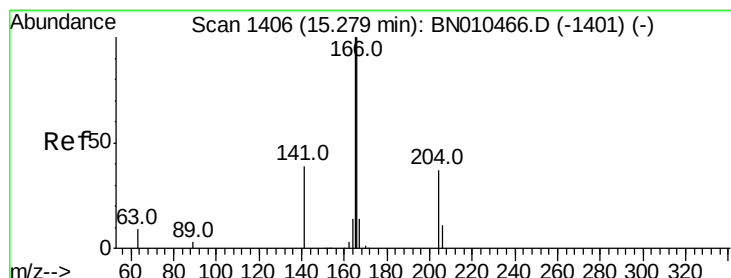
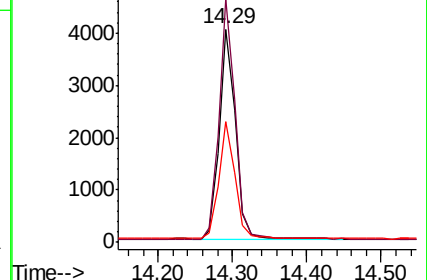
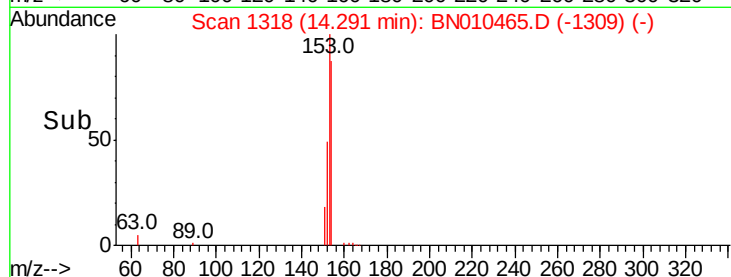
152 55.7 44.6 67.0



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: 0.192 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

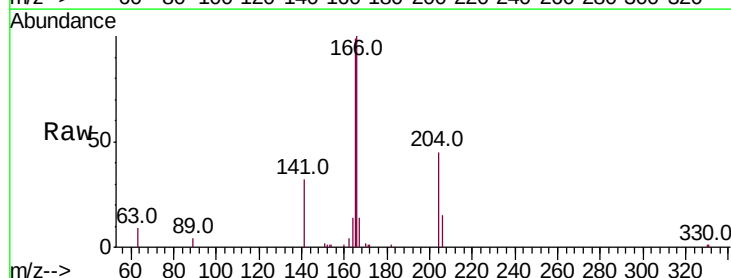
Tgt Ion:166 Resp: 7870

Ion Ratio Lower Upper

166 100

165 98.4 78.4 117.6

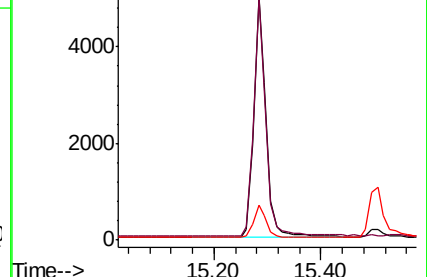
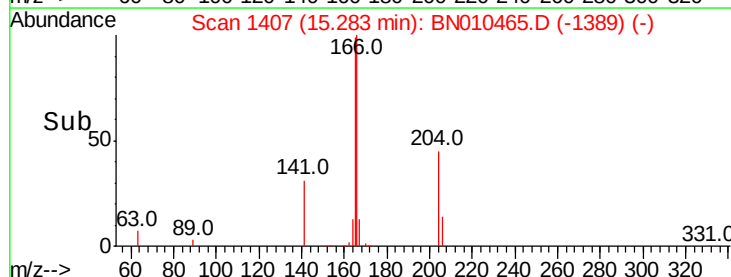
167 13.9 10.9 16.3

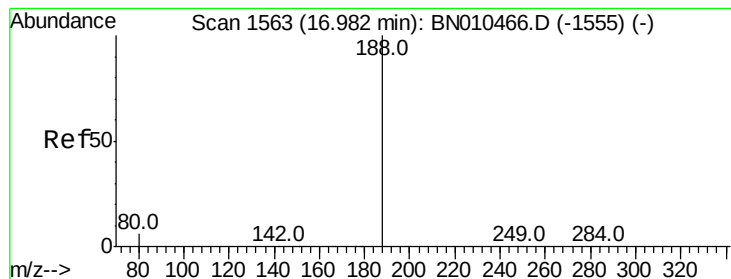


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

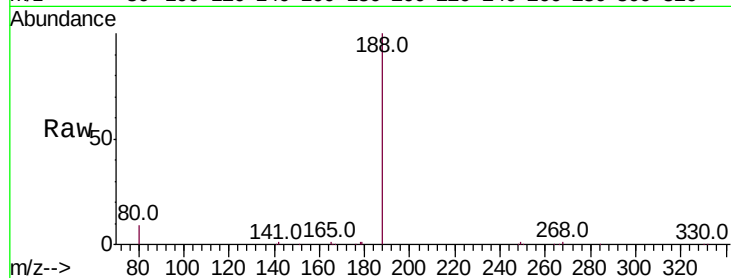
Tot Ion:188 Resp: 24884

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

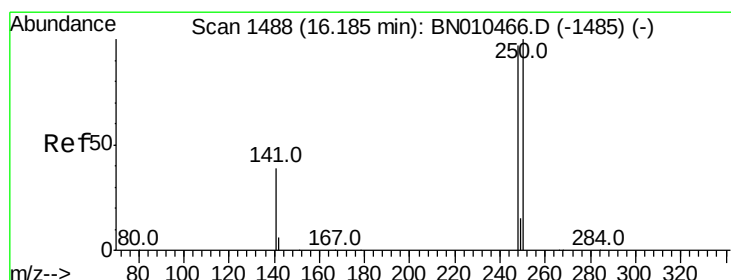
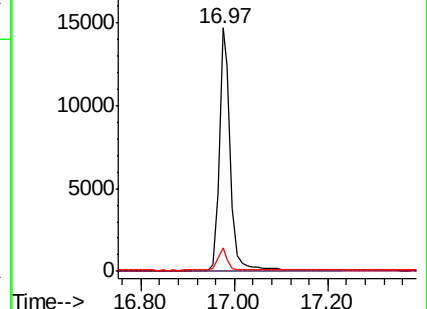
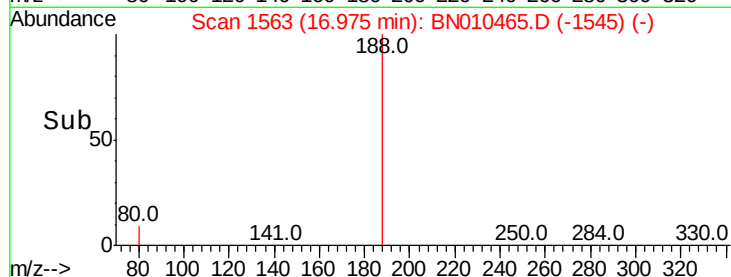
80 9.4 5.0 7.6#



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: 0.174 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

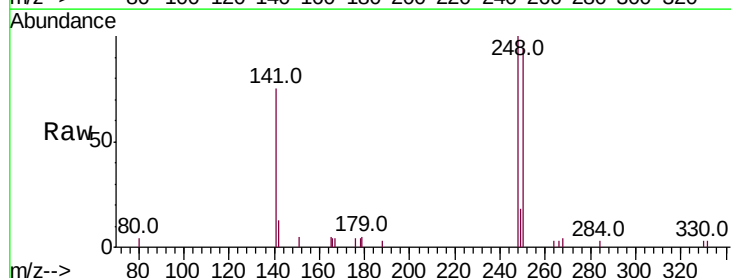
Tgt Ion:248 Resp: 2624

Ion Ratio Lower Upper

248 100

250 94.2 82.3 123.5

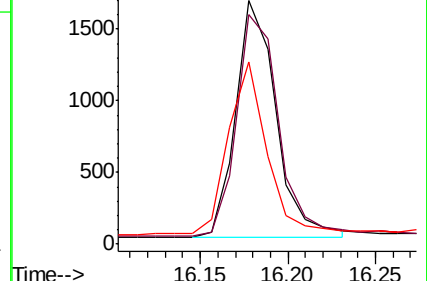
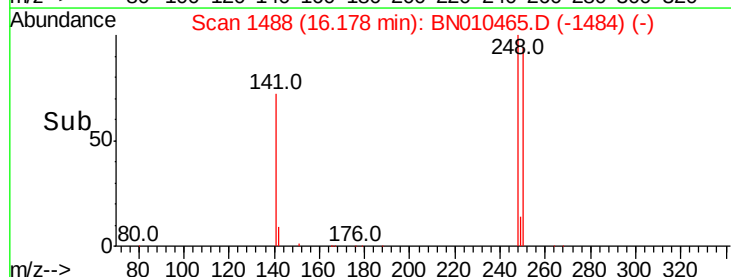
141 74.6 35.2 52.8#

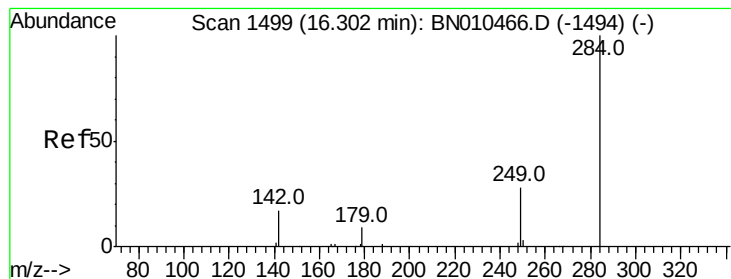


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.207 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

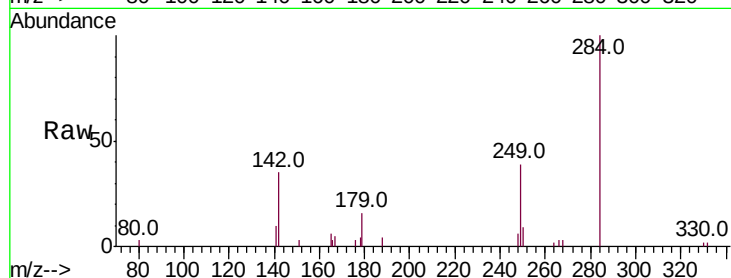
Tot Ion:284 Resp: 3217

Ion Ratio Lower Upper

284 100

142 31.5 25.5 38.3

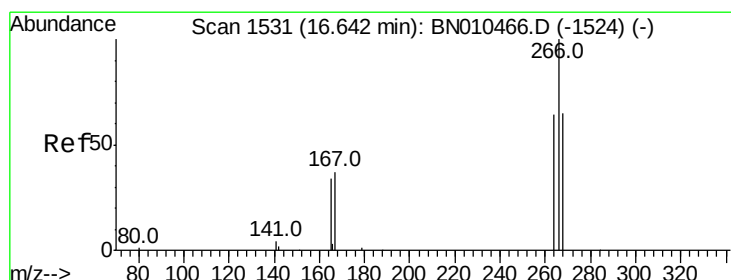
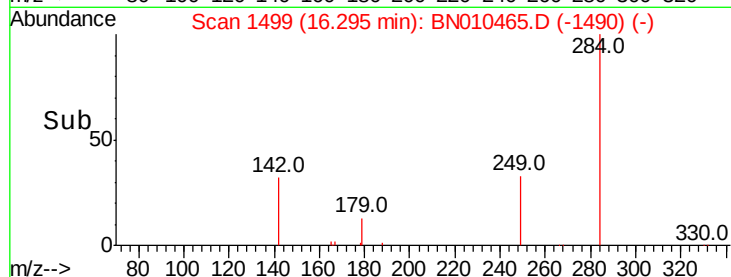
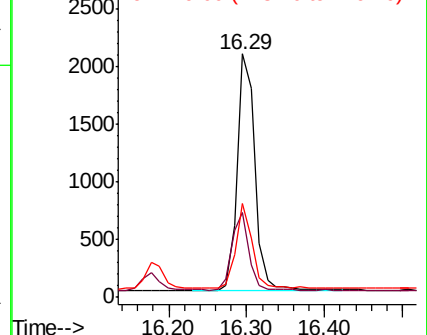
249 33.3 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.188 ng

RT: 16.65 min Scan# 1532

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

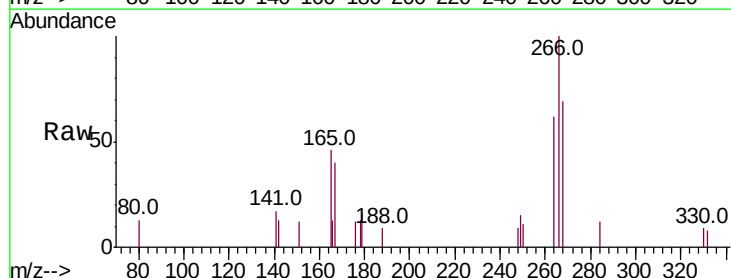
Tgt Ion:266 Resp: 996

Ion Ratio Lower Upper

266 100

264 62.0 51.8 77.6

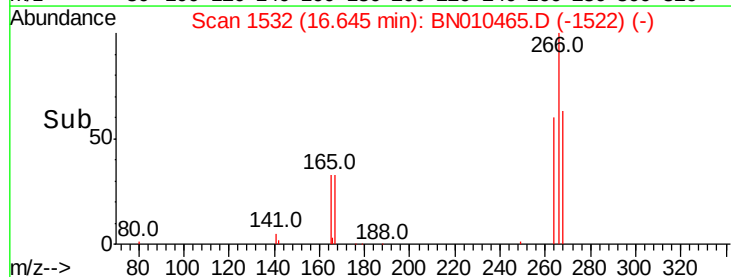
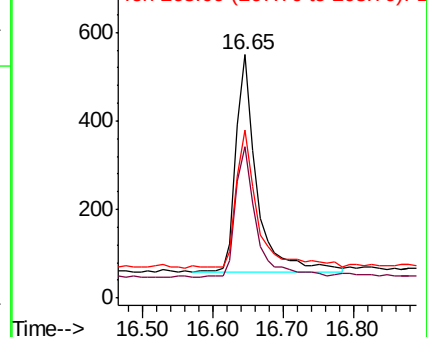
268 68.9 53.7 80.5

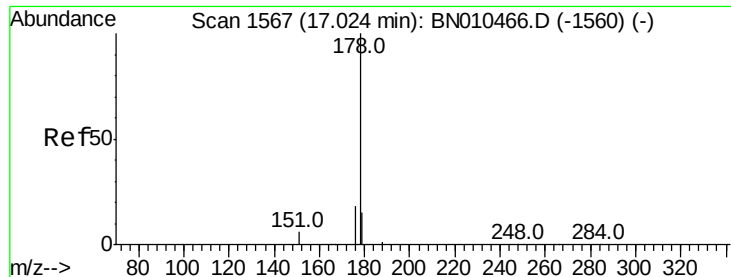


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.191 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

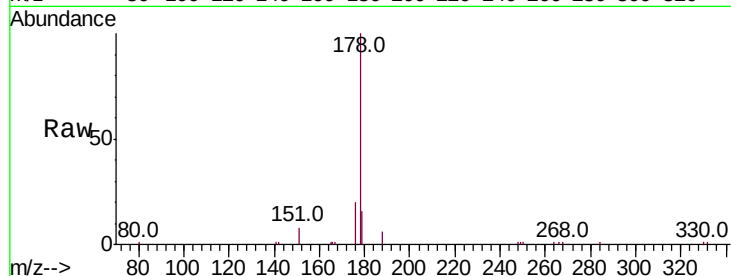
BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:178 Resp: 13065

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.7	12.6	18.8

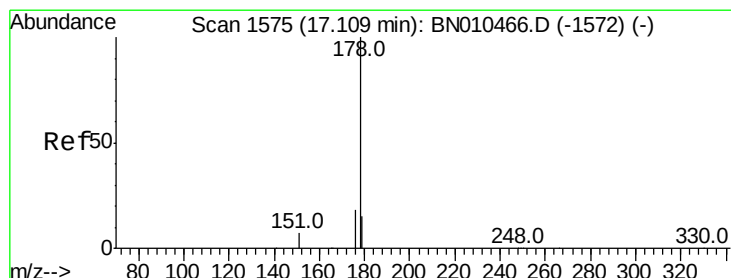
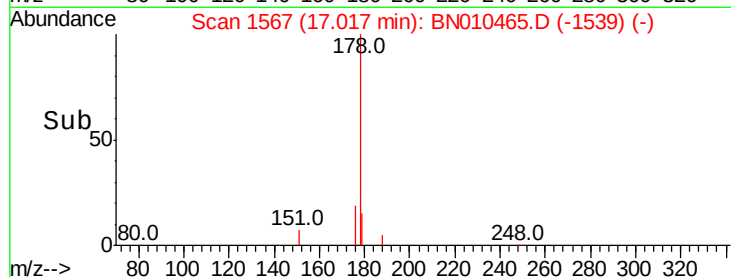
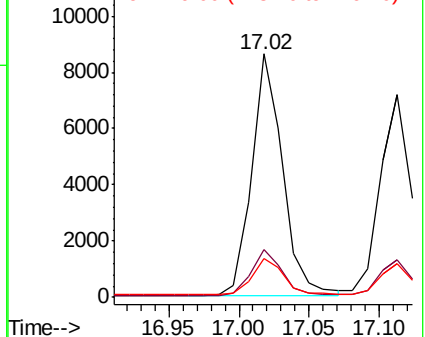


Abundance

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: 0.200 ng

RT: 17.11 min Scan# 1576

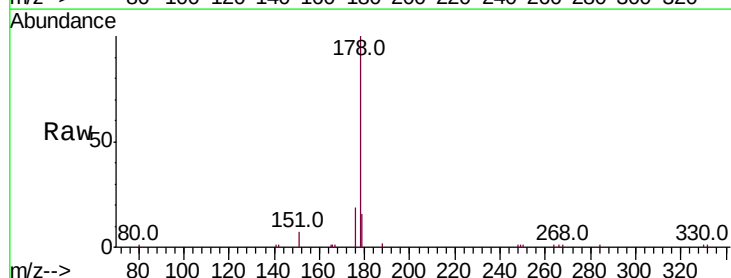
Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Tgt Ion:178 Resp: 11695

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	21.8
179	15.6	12.2	18.2

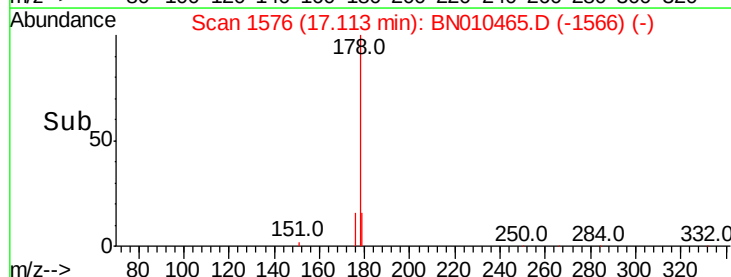
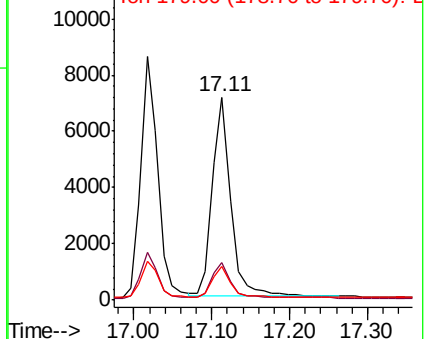


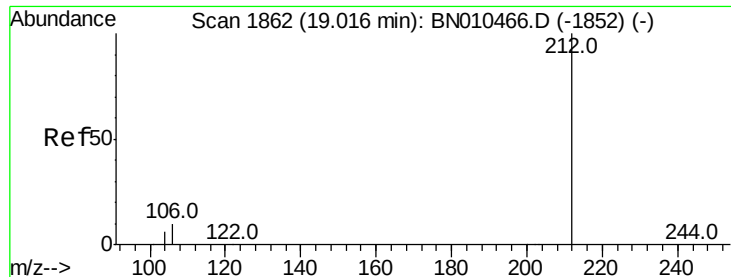
Abundance

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: 0.195 ng

RT: 19.02 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

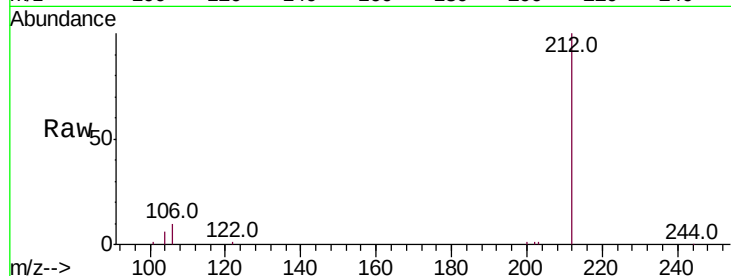
Tot Ion:212 Resp: 14613

Ion Ratio Lower Upper

212 100

106 9.9 7.8 11.6

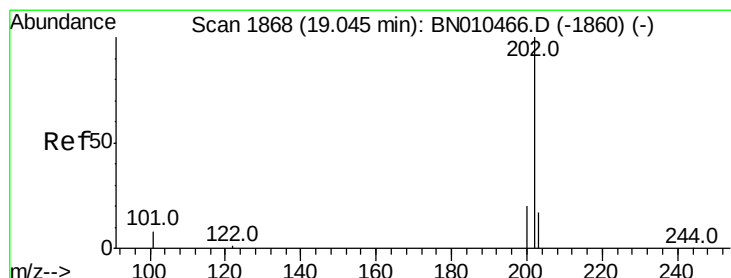
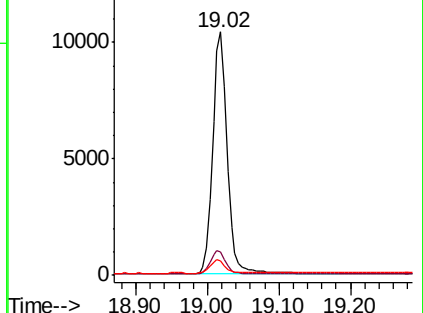
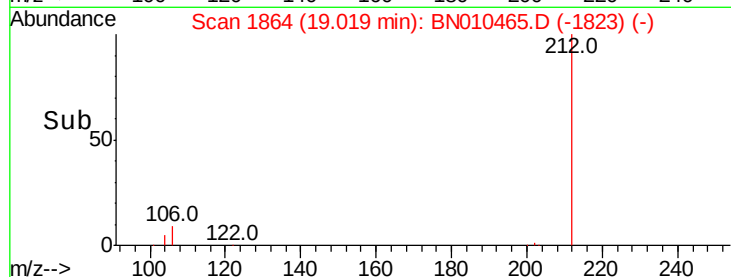
104 5.7 4.5 6.7



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: 0.194 ng

RT: 19.04 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

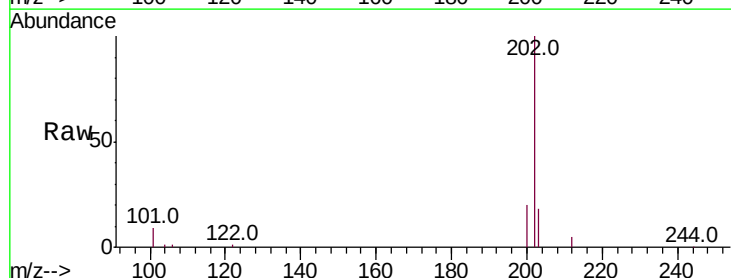
Tgt Ion:202 Resp: 16281

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

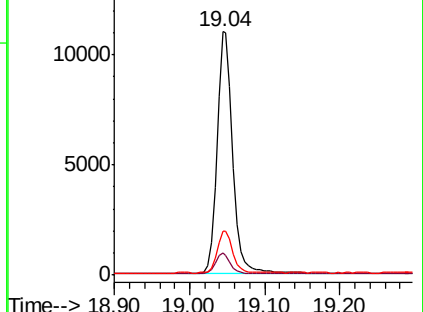
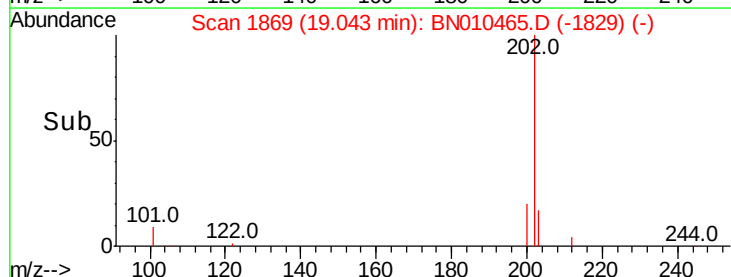
203 17.2 13.9 20.9

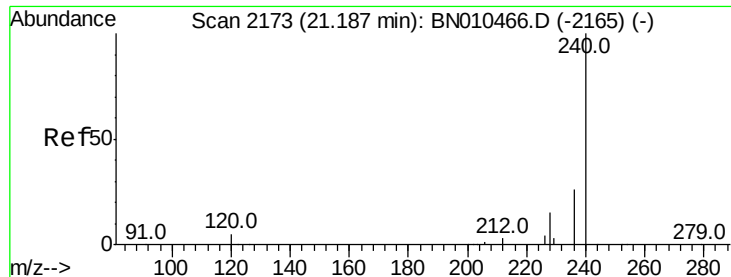


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

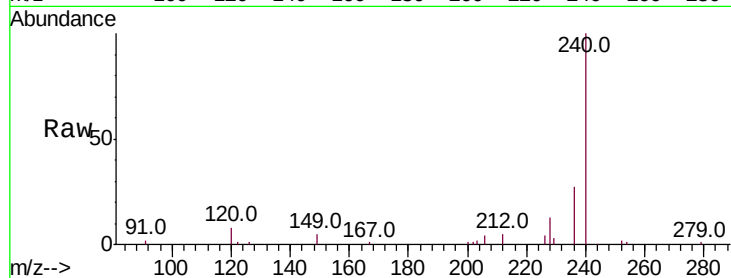
Tot Ion:240 Resp: 23957

Ion Ratio Lower Upper

240 100

120 7.9 4.8 7.2#

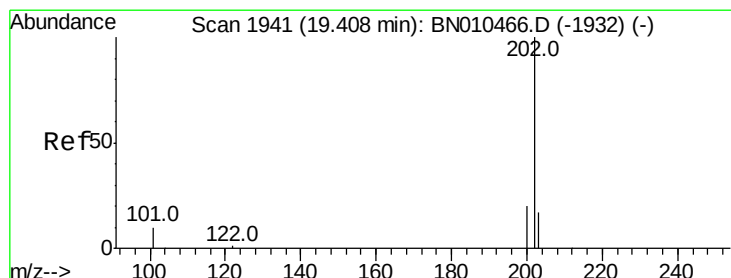
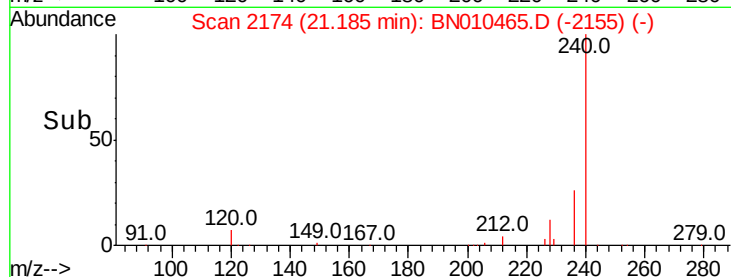
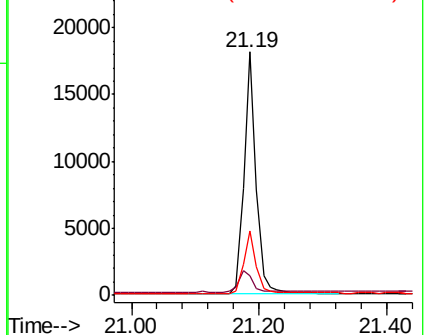
236 26.6 21.4 32.0



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: 0.224 ng

RT: 19.41 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

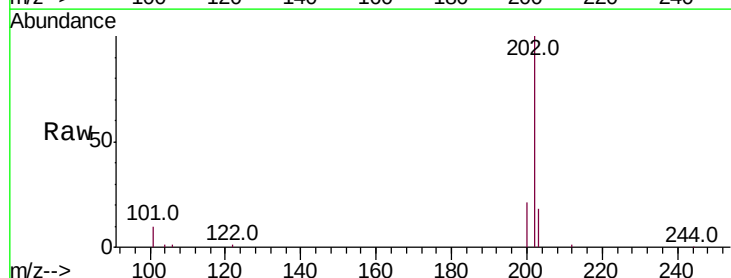
Tgt Ion:202 Resp: 16682

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

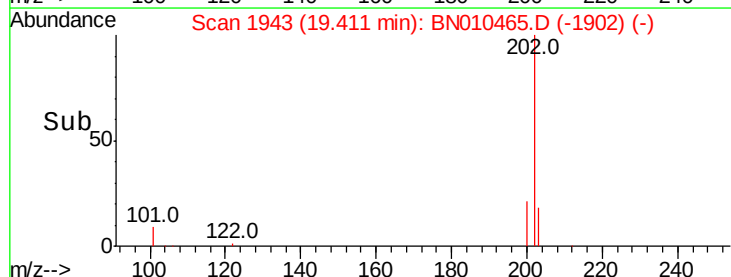
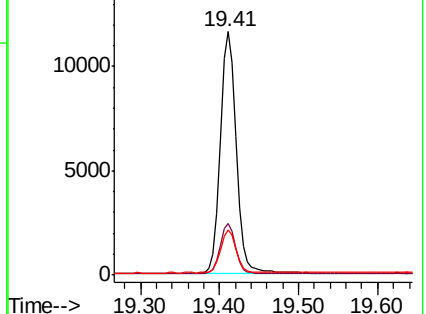
203 17.4 14.0 21.0

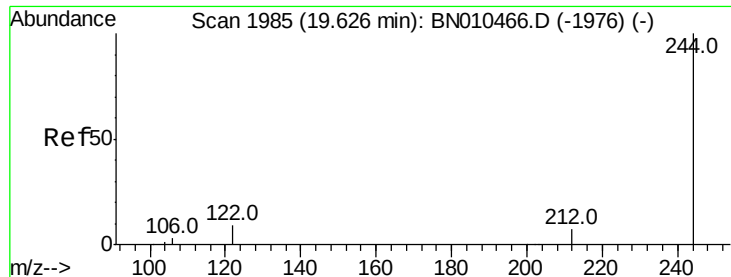


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.215 ng

RT: 19.63 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampled :

SSTDIC0.2

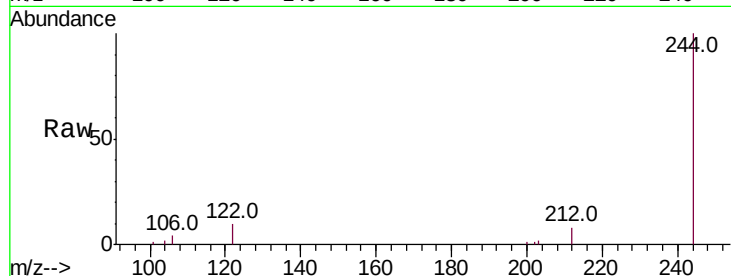
Tot Ion:244 Resp: 11145

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

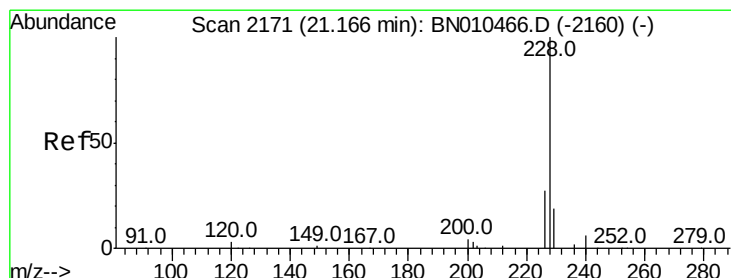
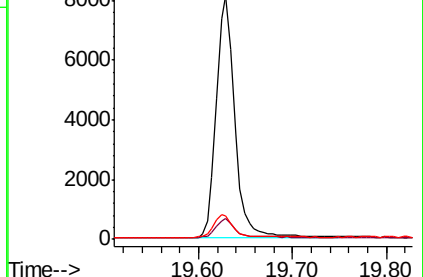
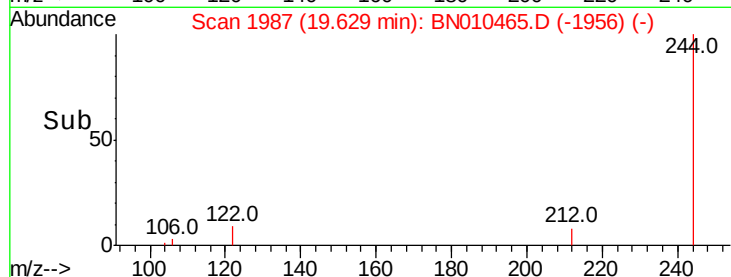
122 9.8 7.8 11.8



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: 0.206 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

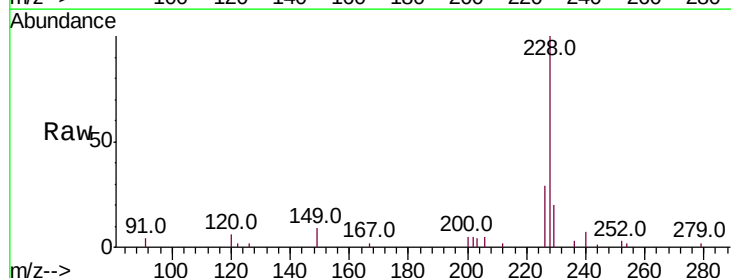
Tgt Ion:228 Resp: 15701

Ion Ratio Lower Upper

228 100

226 28.8 21.7 32.5

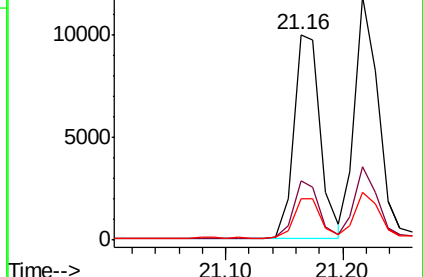
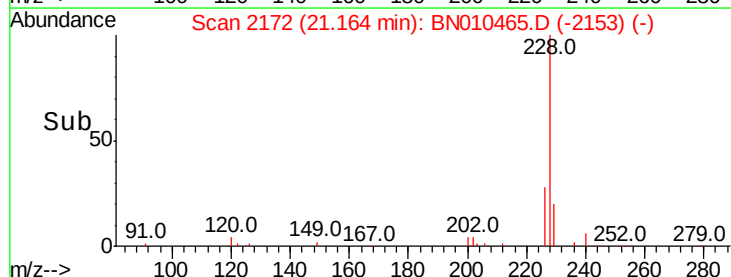
229 20.4 15.6 23.4

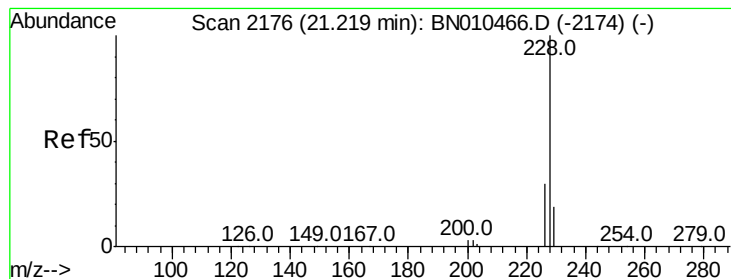


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.199 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

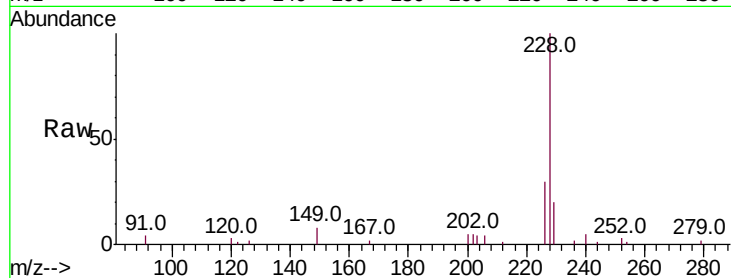
Tot Ion:228 Resp: 16271

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

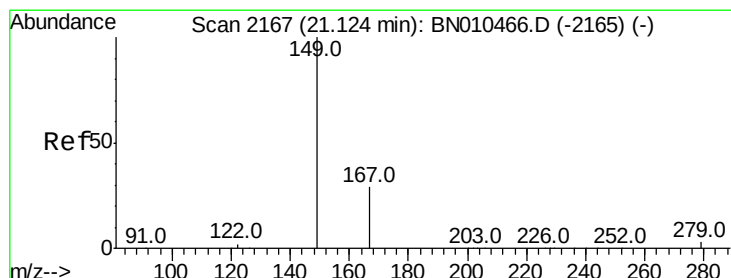
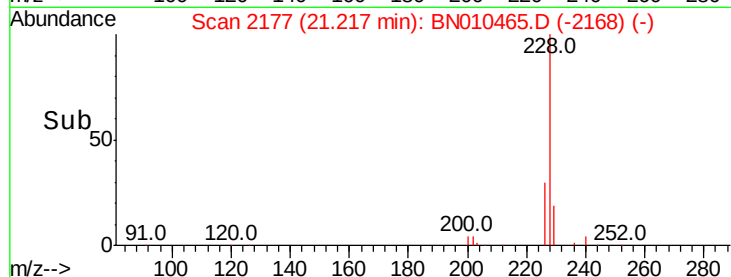
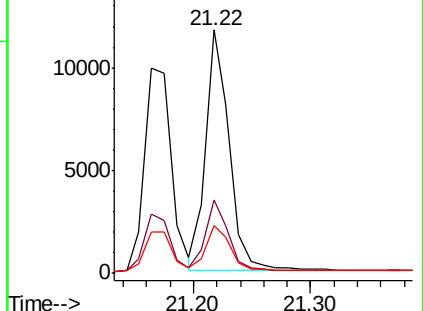
229 19.9 15.8 23.6



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: 0.317 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

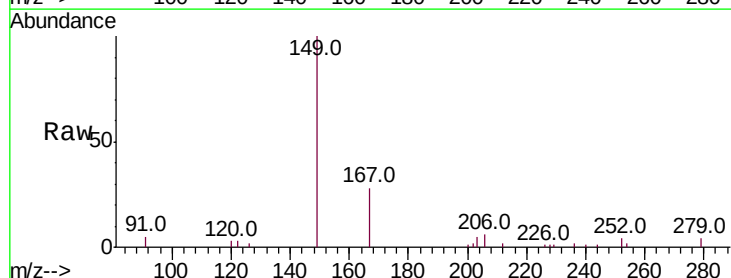
Tgt Ion:149 Resp: 8161

Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.0

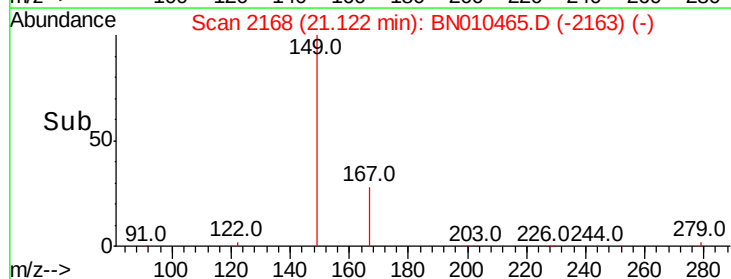
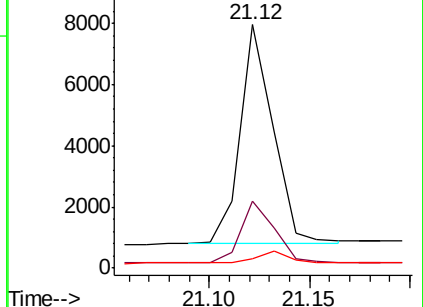
279 5.0 4.0 6.0

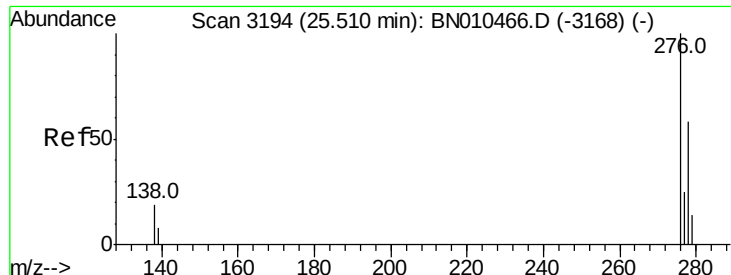


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.162 ng

RT: 25.51 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

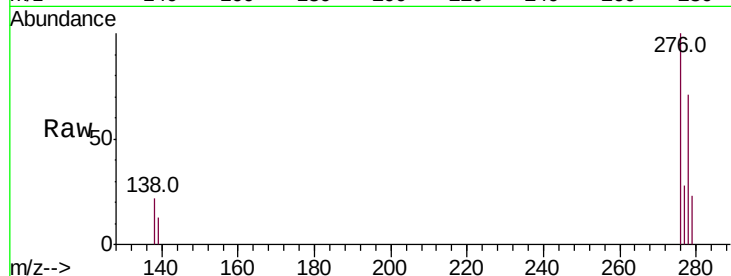
Tot Ion:276 Resp: 14239

Ion Ratio Lower Upper

276 100

138 20.0 16.4 24.6

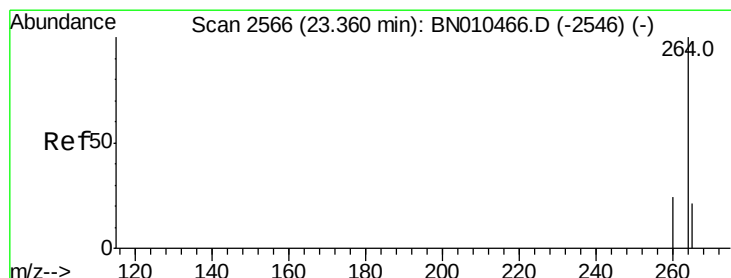
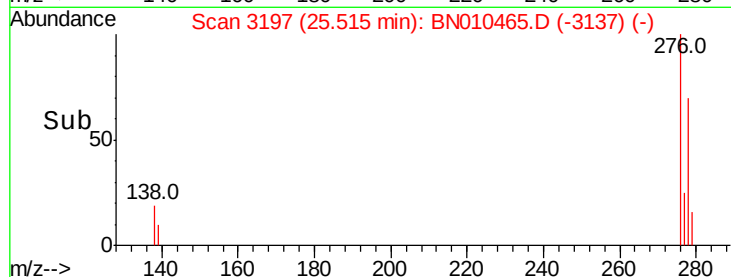
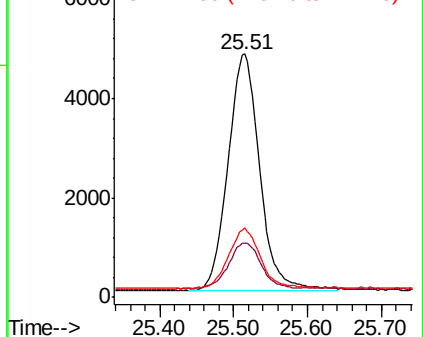
277 25.2 19.8 29.6



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# 2568

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

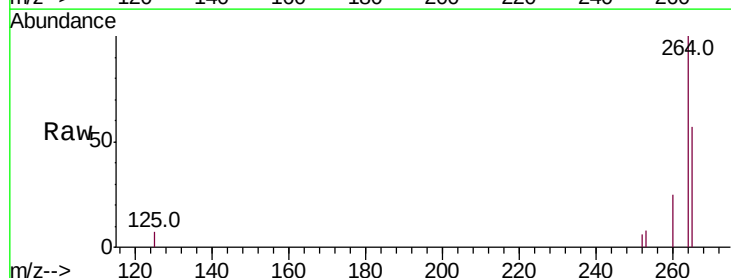
Tgt Ion:264 Resp: 21474

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

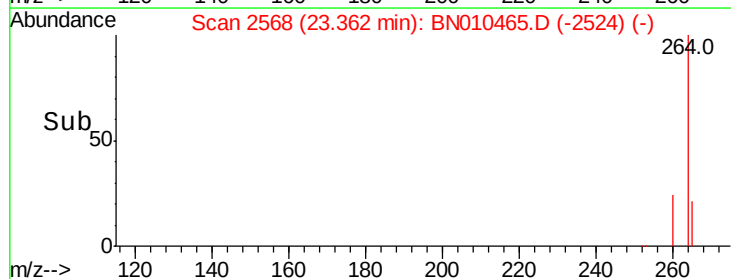
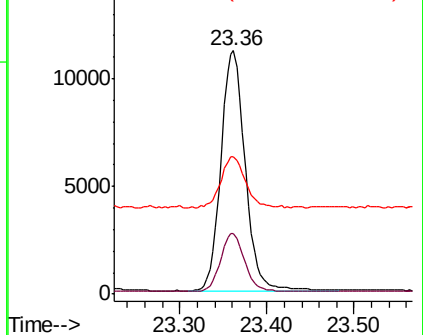
265 56.7 42.3 63.5

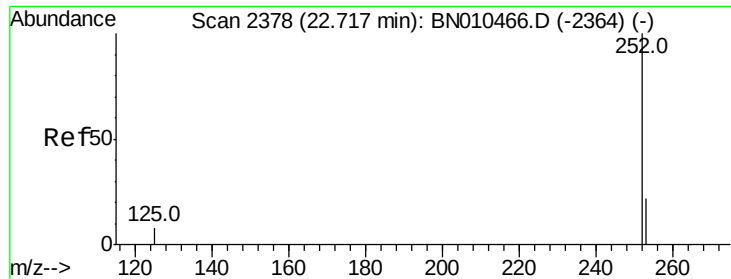


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

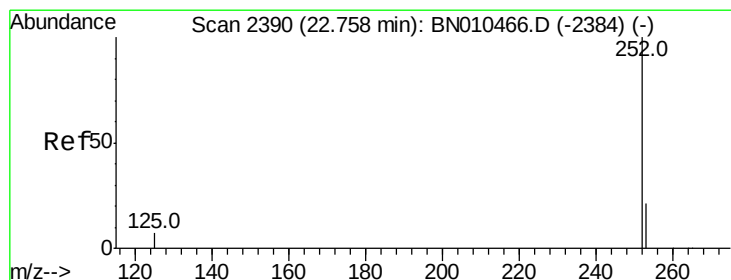
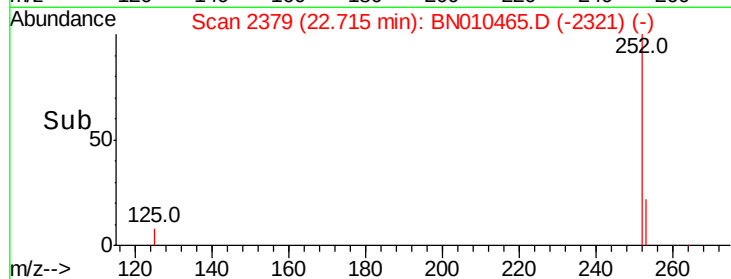
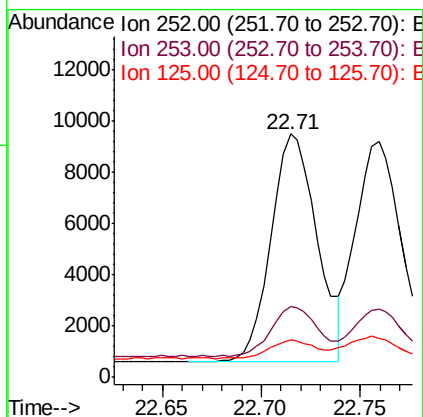
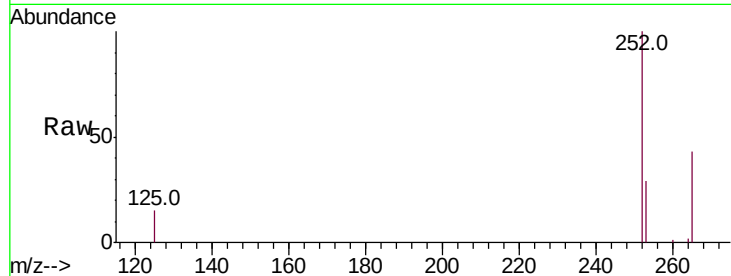




#35
Benzo(b)fluoranthene
Concen: 0.198 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

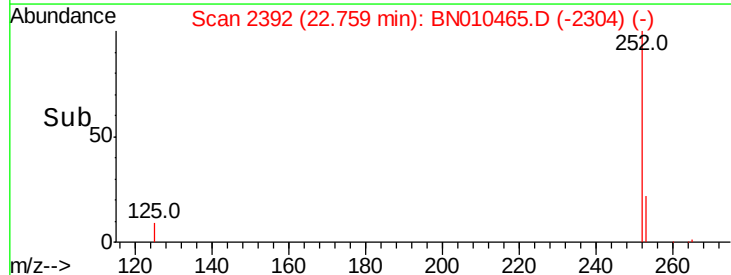
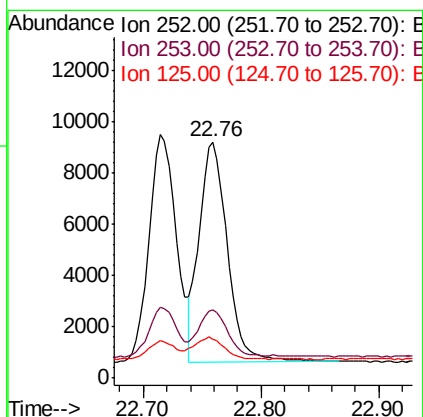
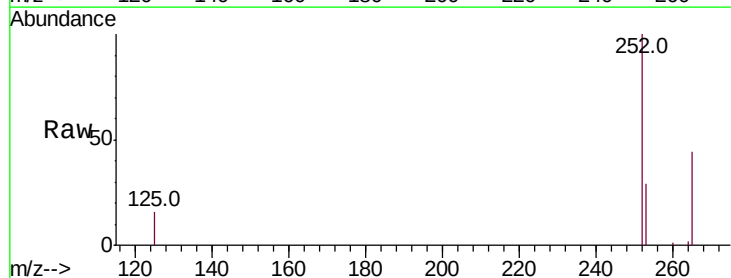
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

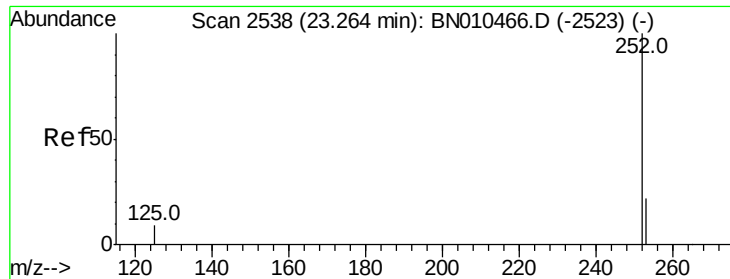
Tot Ion:252 Resp: 14414
Ion Ratio Lower Upper
252 100
253 29.0 20.2 30.4
125 15.2 9.2 13.8#



#36
Benzo(k)fluoranthene
Concen: 0.192 ng
RT: 22.76 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BN010465.D
Acq: 13 Apr 2020 13:48

Tgt Ion:252 Resp: 14286
Ion Ratio Lower Upper
252 100
253 29.1 20.1 30.1
125 16.3 9.6 14.4#





#37

Benzo(a)pyrene

Concen: 0.203 ng

RT: 23.27 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

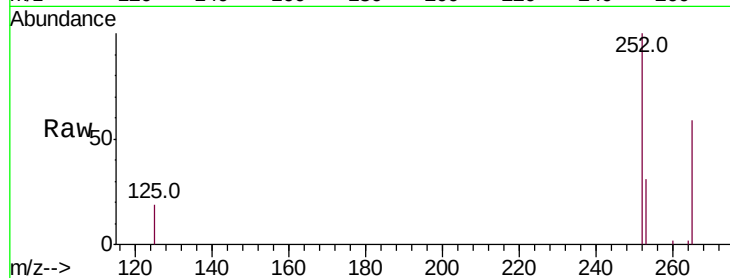
Tot Ion:252 Resp: 12498

Ion Ratio Lower Upper

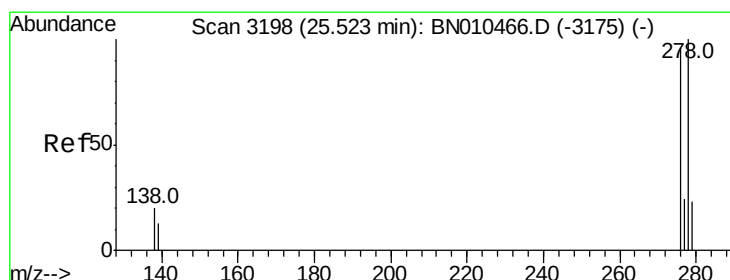
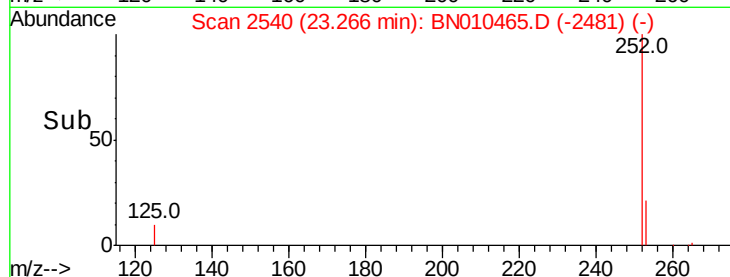
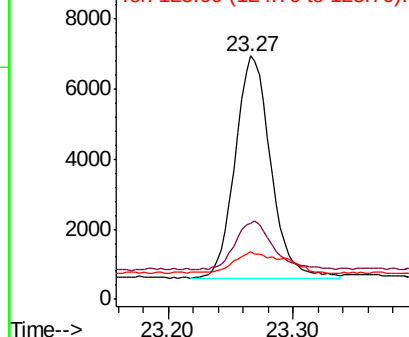
252 100

253 31.3 21.8 32.8

125 19.4 11.0 16.6#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.173 ng

RT: 25.52 min Scan# 3200

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

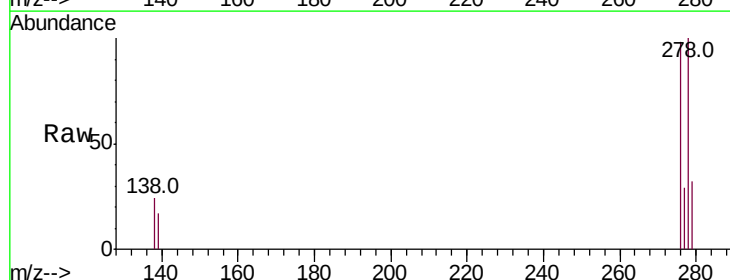
Tgt Ion:278 Resp: 11482

Ion Ratio Lower Upper

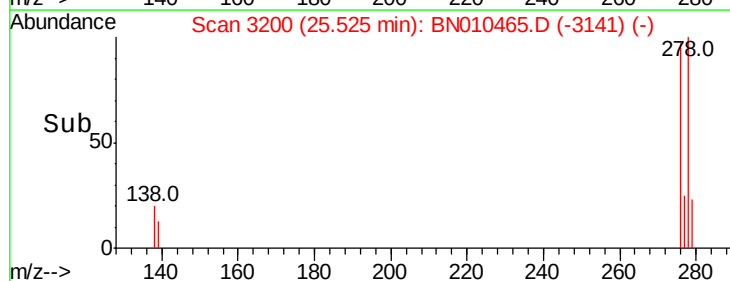
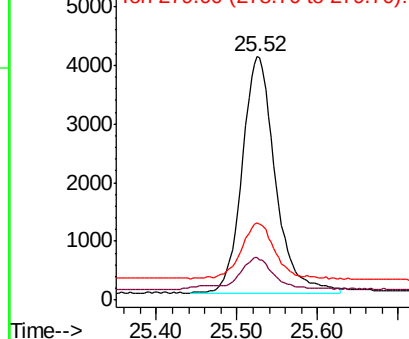
278 100

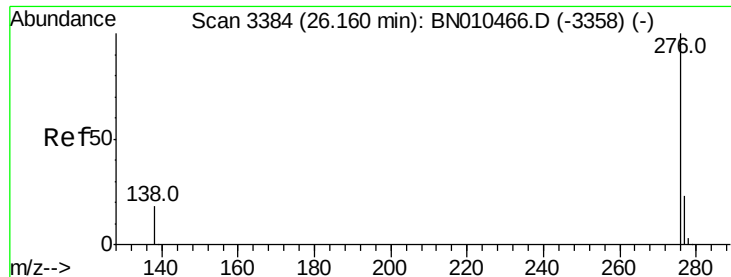
139 17.4 12.3 18.5

279 31.9 21.9 32.9



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: 0.176 ng

RT: 26.16 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BN010465.D

Acq: 13 Apr 2020 13:48

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

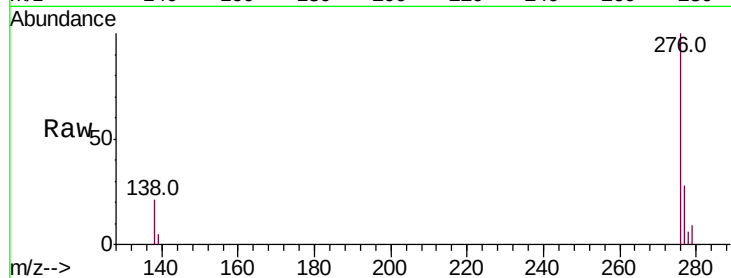
Tot Ion:276 Resp: 11789

Ion Ratio Lower Upper

276 100

277 27.7 20.2 30.2

138 21.2 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

