

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
 Data File : BN010247.D
 Acq On : 18 Mar 2020 02:48
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 18 04:32:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4148	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	14888	0.40	ng	0.00
13) Acenaphthene-d10	14.25	164	9116	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	21752	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	21839	0.40	ng	-0.01
34) Perylene-d12	23.35	264	25331	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	3275	0.34	ng	0.00
5) Phenol-d6	6.81	99	4370	0.36	ng	0.00
8) Nitrobenzene-d5	8.76	82	3596	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	9360	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	1262	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.86	172	14306	0.44	ng	-0.01
25) Fluoranthene-d10	19.02	212	24481	0.36	ng	0.00
29) Terphenyl-d14	19.63	244	19821	0.40	ng	-0.01

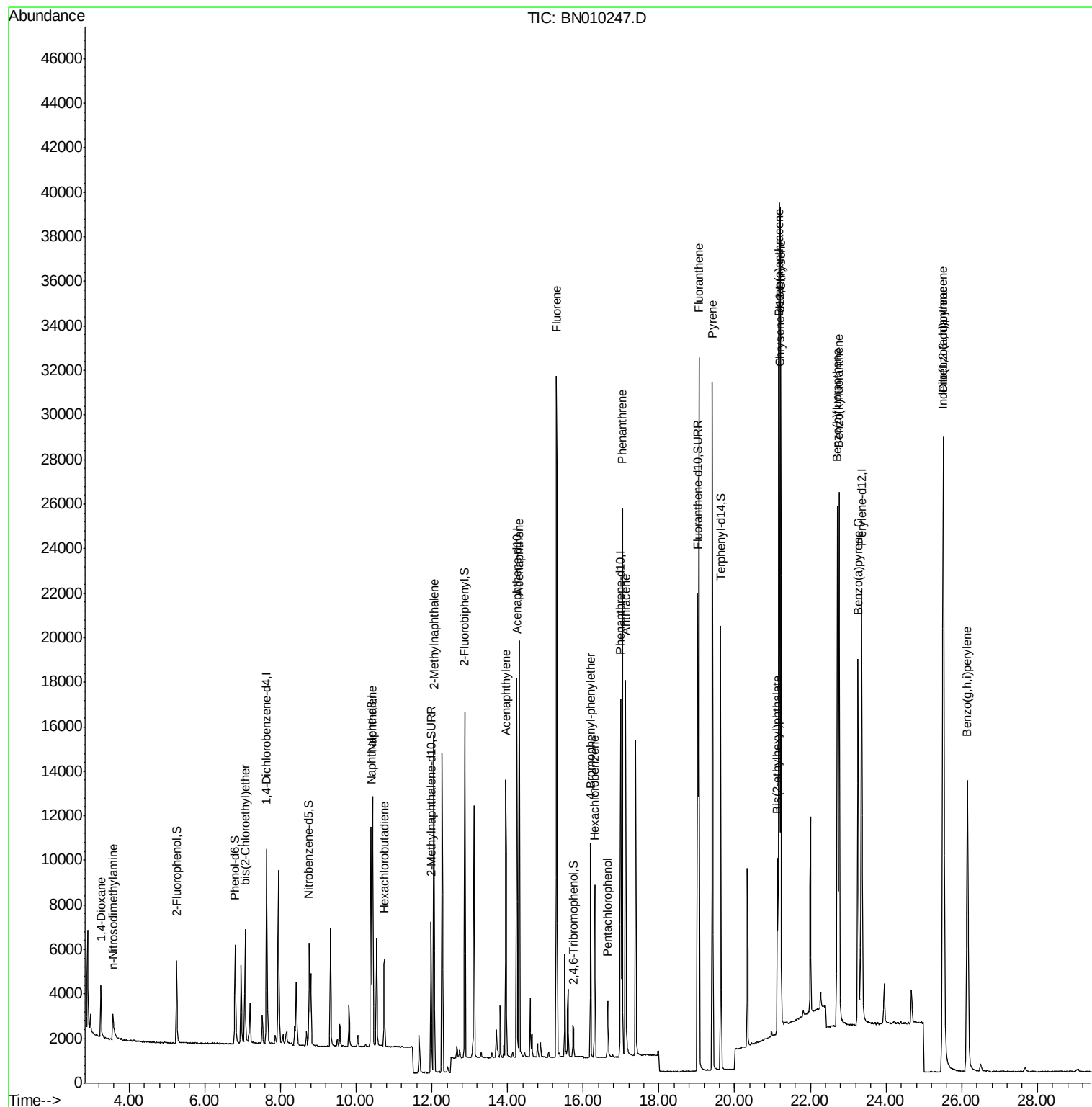
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1534	0.379	ng	# 56
3) n-Nitrosodimethylamine	3.57	42	1195	0.333	ng	# 31
6) bis(2-Chloroethyl)ether	7.07	93	4062	0.400	ng	96
9) Naphthalene	10.43	128	14964	0.401	ng	97
10) Hexachlorobutadiene	10.75	225	3659	0.426	ng	# 96
12) 2-Methylnaphthalene	12.05	142	10399	0.388	ng	95
16) Acenaphthylene	13.96	152	14045	0.334	ng	100
17) Acenaphthene	14.30	154	10314	0.404	ng	98
18) Fluorene	15.29	166	13601	0.391	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	5117	0.410	ng	# 80
21) Hexachlorobenzene	16.31	284	5586	0.458	ng	97
22) Pentachlorophenol	16.65	266	1415	0.376	ng	90
23) Phenanthrene	17.03	178	23597	0.409	ng	100
24) Anthracene	17.12	178	19540	0.340	ng	99
26) Fluoranthene	19.05	202	28291	0.387	ng	99
28) Pyrene	19.42	202	28090	0.385	ng	100
30) Benzo(a)anthracene	21.16	228	26477	0.357	ng	98
31) Chrysene	21.22	228	29565	0.404	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	6604	0.209	ng	# 96
33) Indeno(1,2,3-cd)pyrene	25.50	276	35598	0.410	ng	99
35) Benzo(b)fluoranthene	22.71	252	29209	0.375	ng	99
36) Benzo(k)fluoranthene	22.76	252	31064	0.395	ng	99
37) Benzo(a)pyrene	23.26	252	23474	0.319	ng	99
38) Dibenzo(a,h)anthracene	25.52	278	29920	0.406	ng	100
39) Benzo(g,h,i)perylene	26.15	276	28338	0.385	ng	97

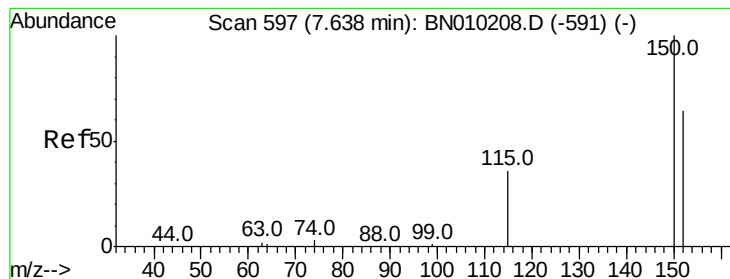
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

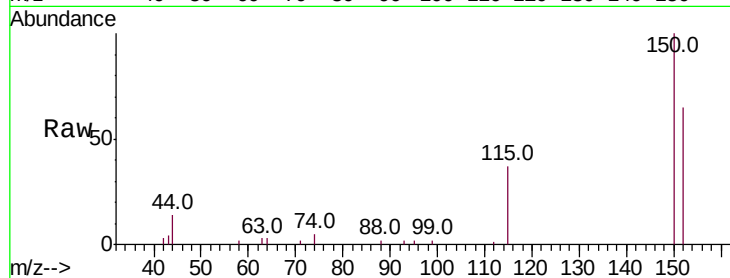
Tot Ion:152 Resp: 4148

Ion Ratio Lower Upper

152 100

150 154.2 119.5 179.3

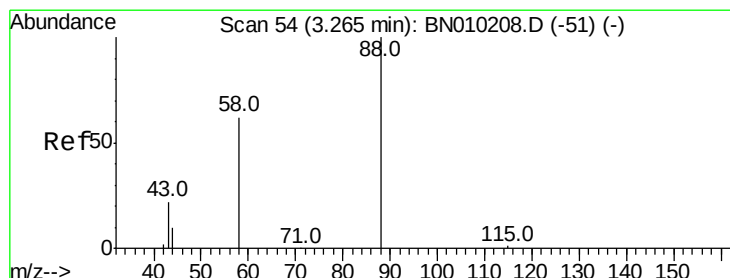
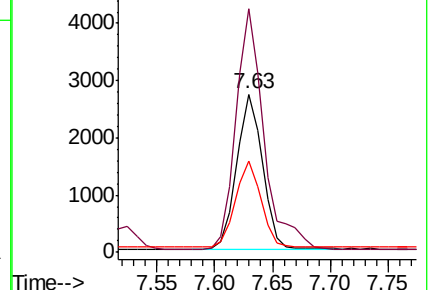
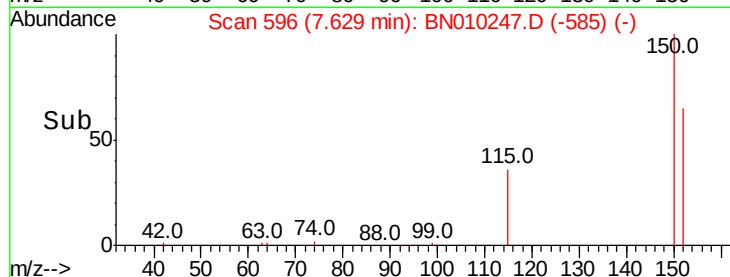
115 57.8 50.9 76.3



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: 0.379 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

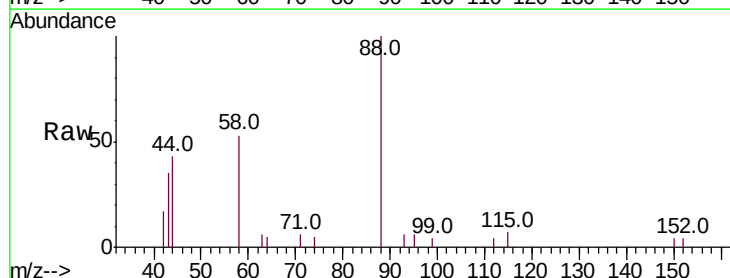
Tgt Ion: 88 Resp: 1534

Ion Ratio Lower Upper

88 100

58 69.8 97.8 146.8#

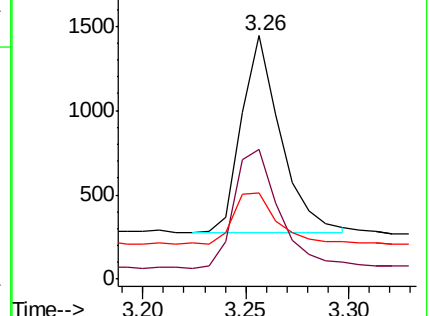
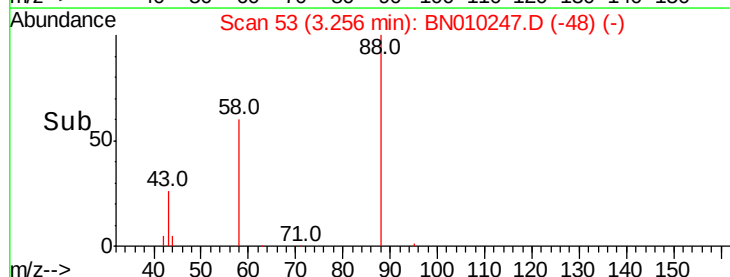
43 28.5 45.1 67.7#

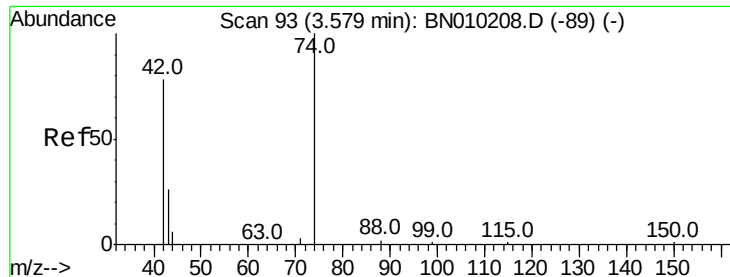


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.333 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

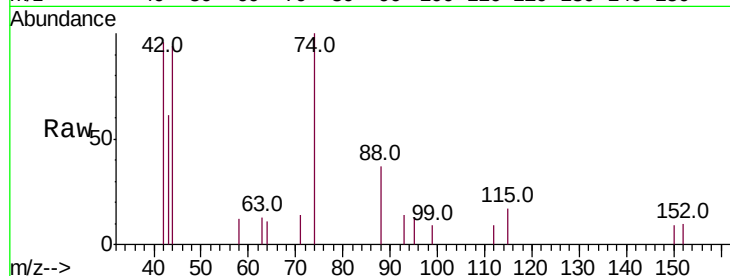
Tot Ion: 42 Resp: 1195

Ion Ratio Lower Upper

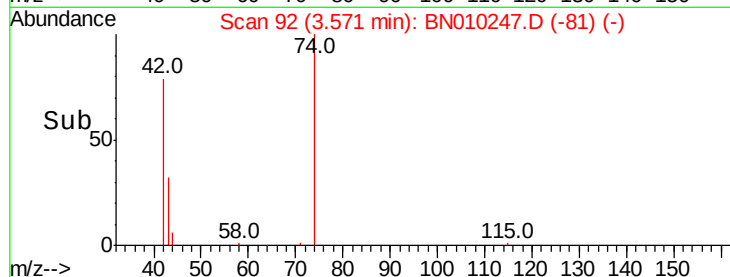
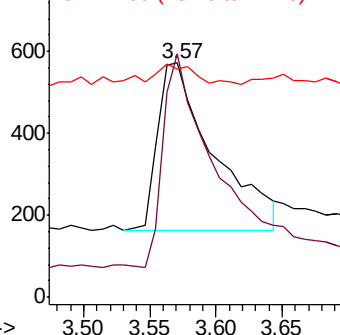
42 100

74 120.3 51.2 76.8#

44 9.7 2.6 4.0#



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



#4

2-Fluorophenol

Concen: 0.337 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

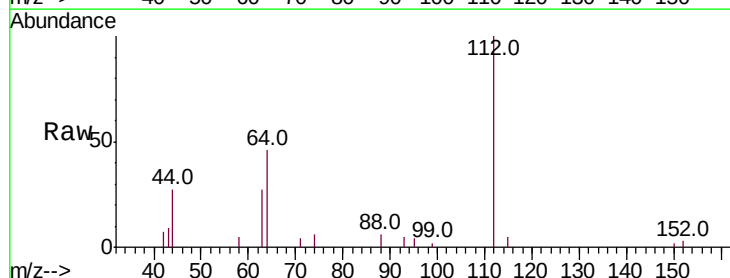
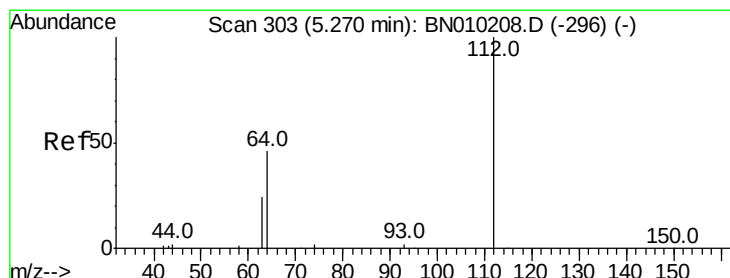
Tgt Ion: 112 Resp: 3275

Ion Ratio Lower Upper

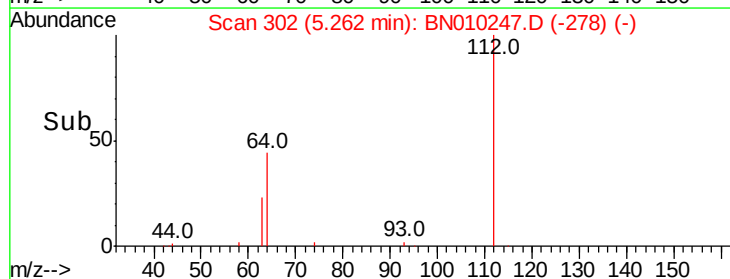
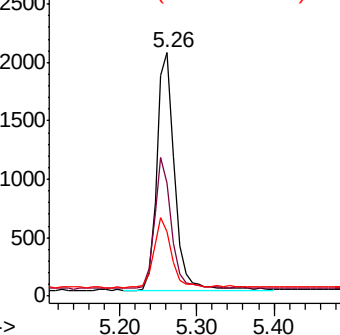
112 100

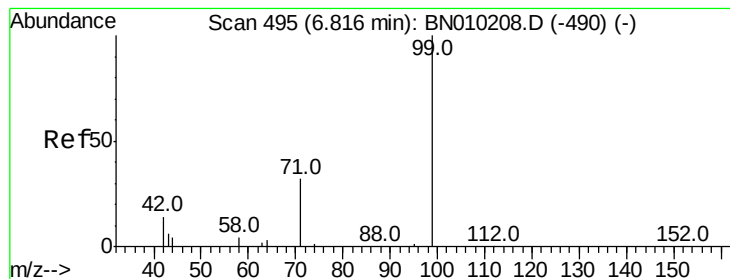
64 52.7 42.6 63.8

63 29.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.359 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

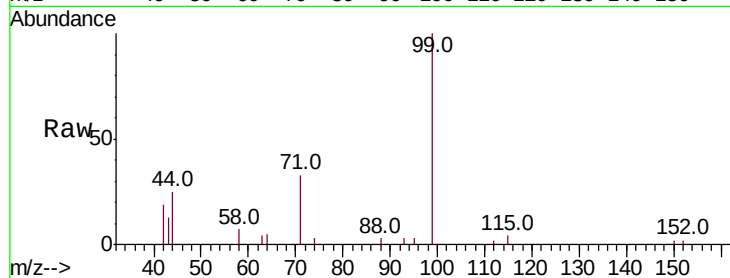
Tot Ion: 99 Resp: 4370

Ion Ratio Lower Upper

99 100

42 19.9 12.0 18.0#

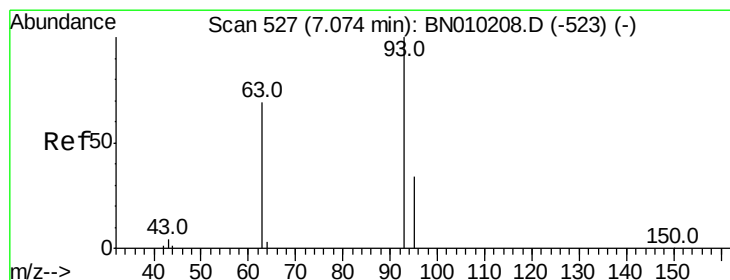
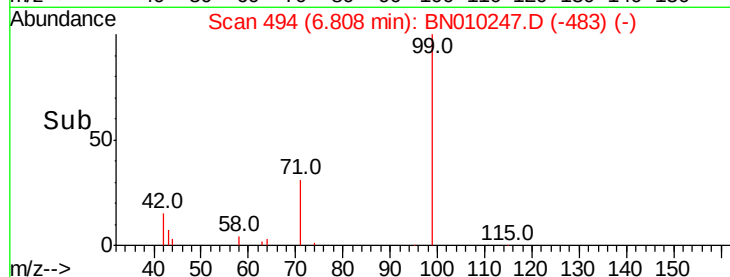
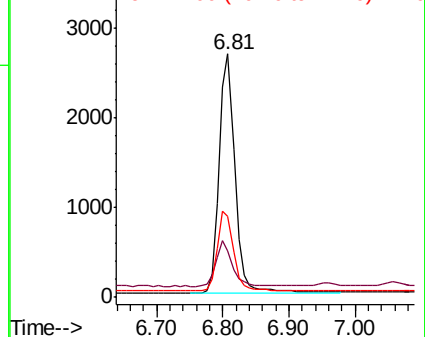
71 35.0 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.400 ng

RT: 7.07 min Scan# 526

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

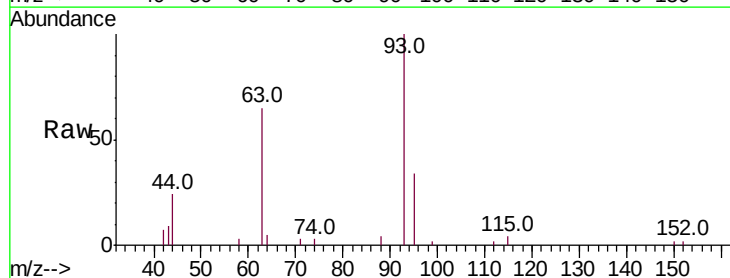
Tgt Ion: 93 Resp: 4062

Ion Ratio Lower Upper

93 100

63 69.7 53.4 80.0

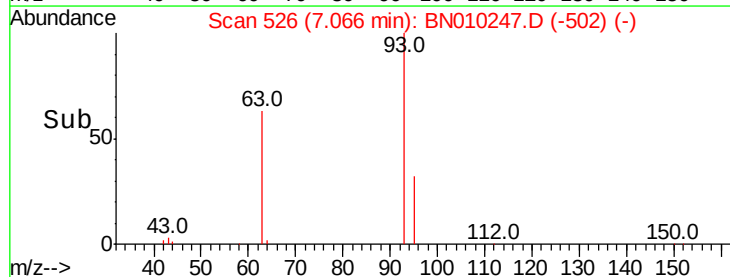
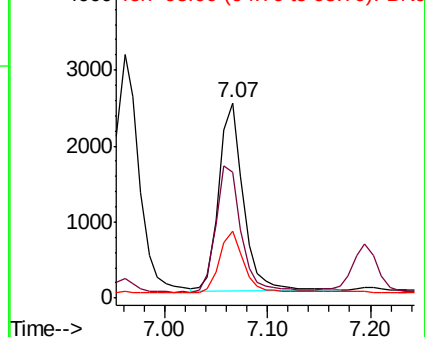
95 32.5 28.6 42.8

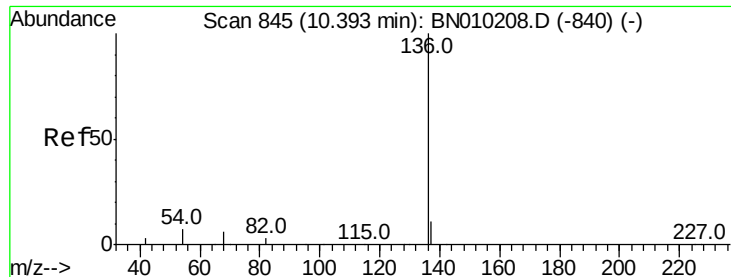


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 14888

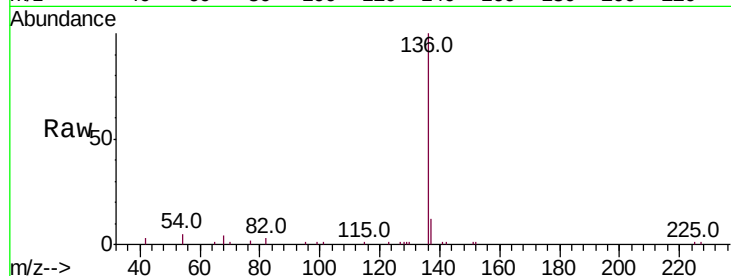
Ion Ratio Lower Upper

136 100

137 11.7 10.6 15.8

54 4.6 9.5 14.3#

68 4.0 9.7 14.5#

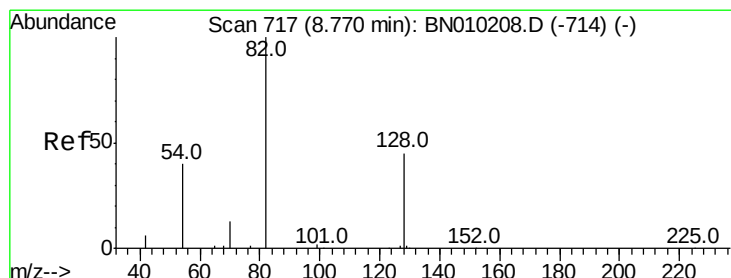
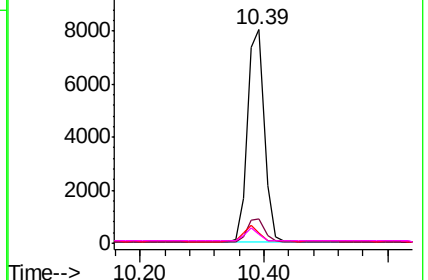
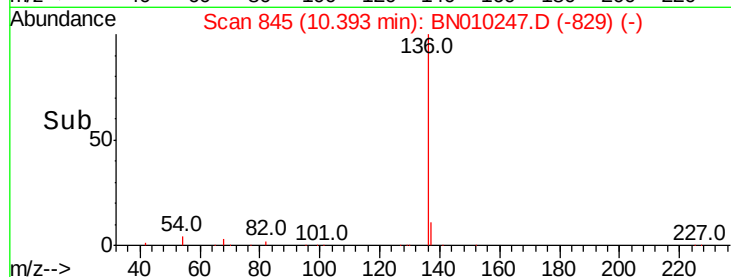


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.403 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

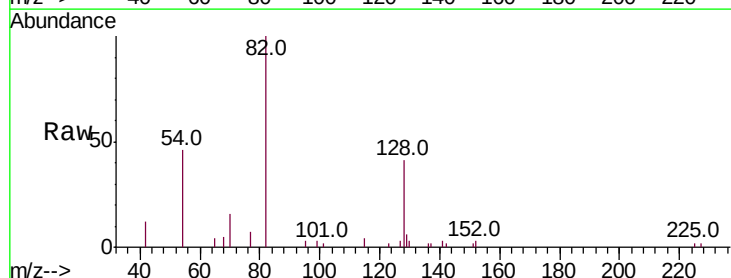
Tgt Ion: 82 Resp: 3596

Ion Ratio Lower Upper

82 100

128 41.3 35.0 52.6

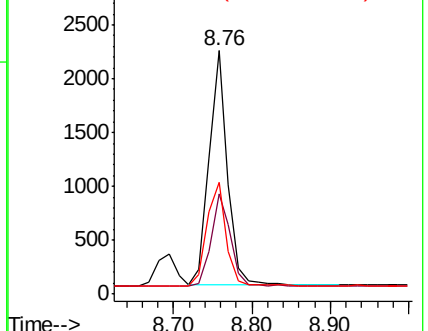
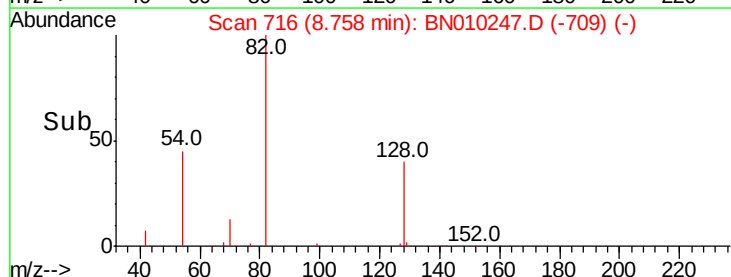
54 45.7 37.0 55.4

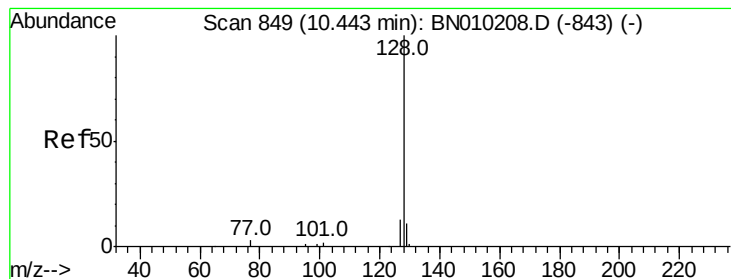


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

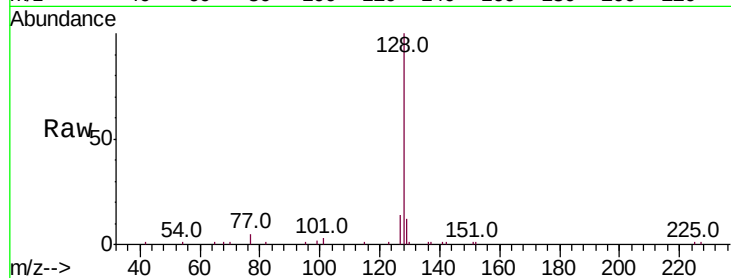
Tot Ion:128 Resp: 14964

Ion Ratio Lower Upper

128 100

129 11.7 10.5 15.7

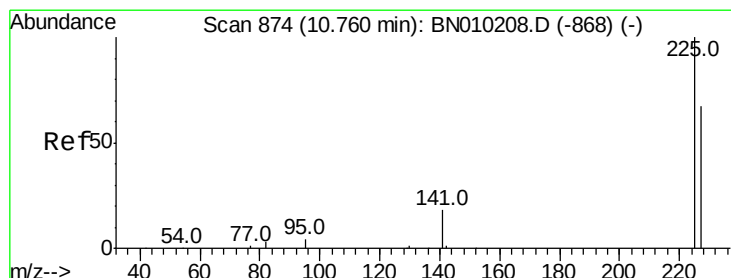
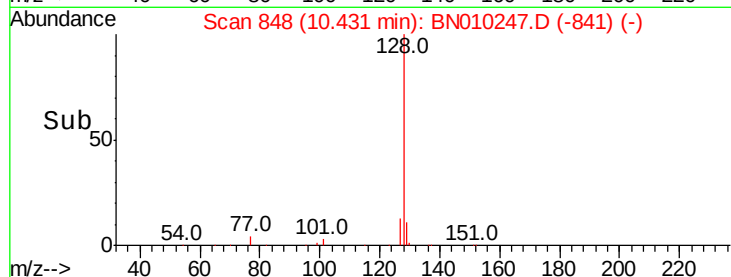
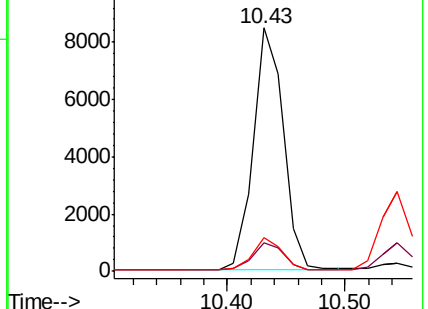
127 13.8 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.426 ng

RT: 10.75 min Scan# 873

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

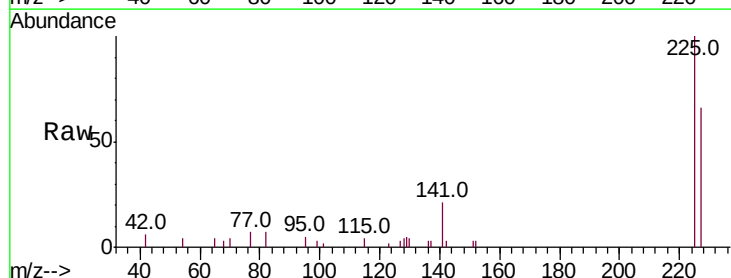
Tgt Ion:225 Resp: 3659

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

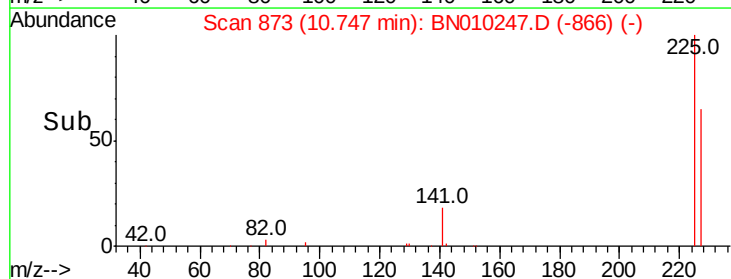
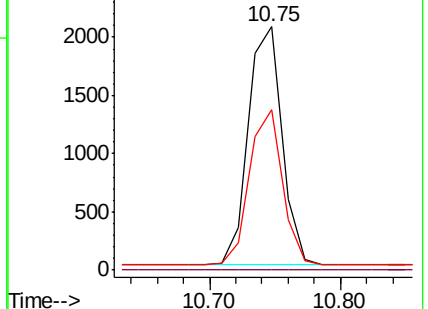
227 63.2 53.4 80.2

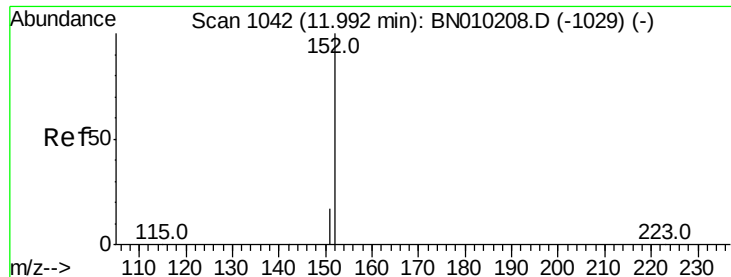


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

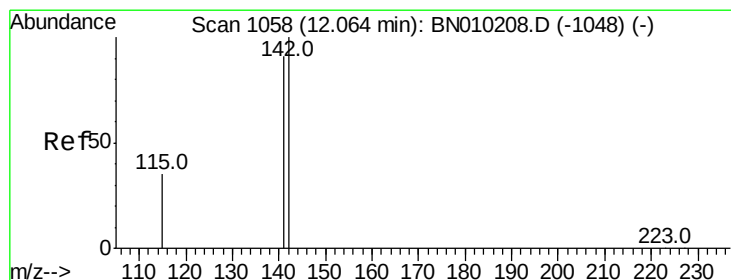
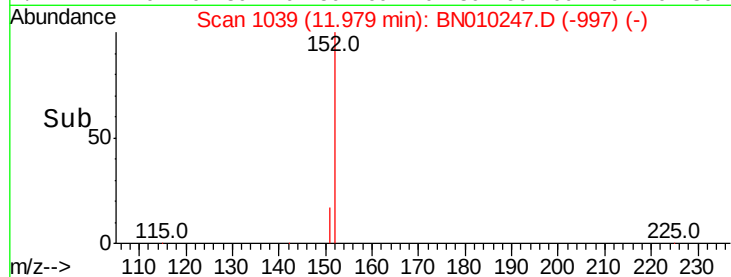
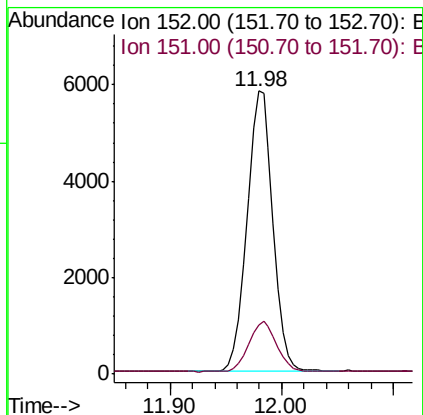
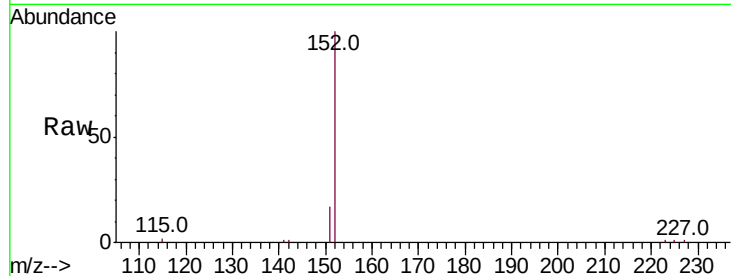




#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010247.D
 Acq: 18 Mar 2020 02:48

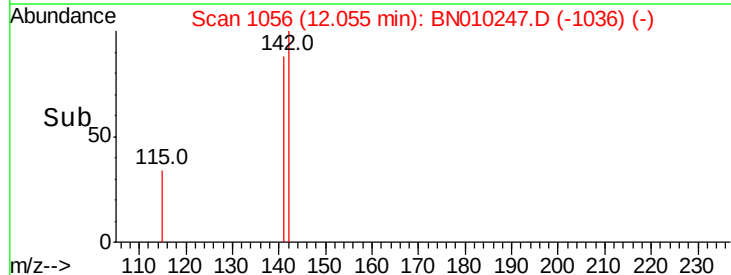
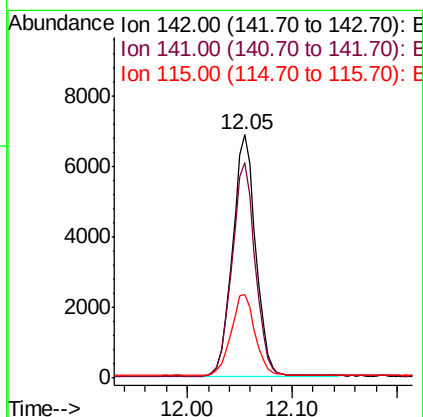
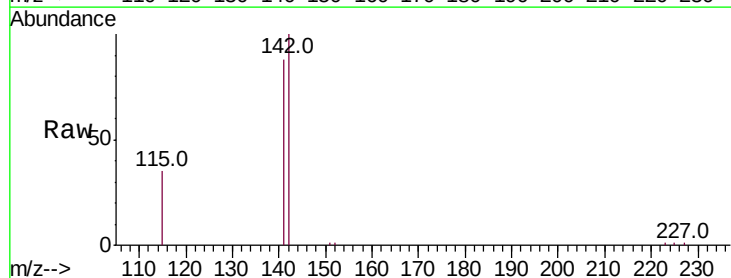
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

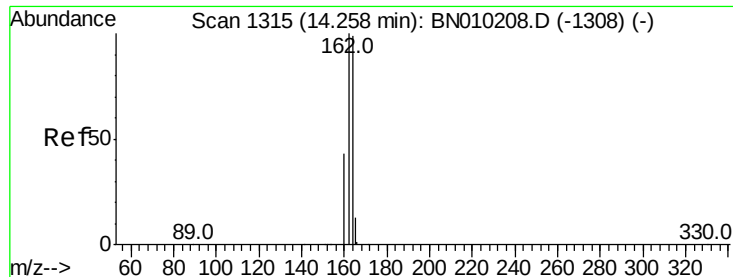
Tot Ion:152 Resp: 9360
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.388 ng
 RT: 12.05 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BN010247.D
 Acq: 18 Mar 2020 02:48

Tgt Ion:142 Resp: 10399
 Ion Ratio Lower Upper
 142 100
 141 88.4 73.7 110.5
 115 34.5 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

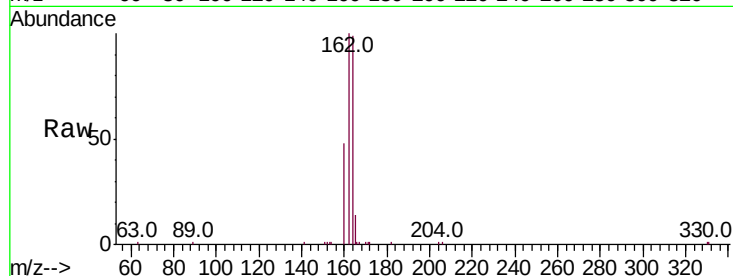
Tot Ion:164 Resp: 9116

Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

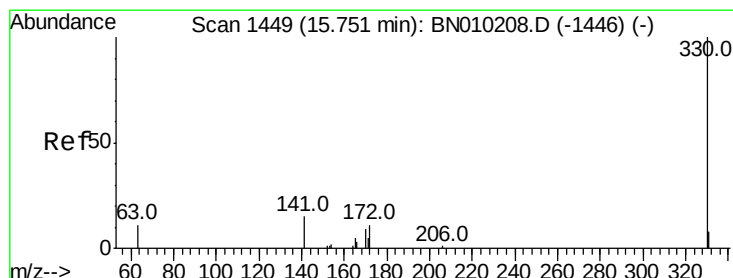
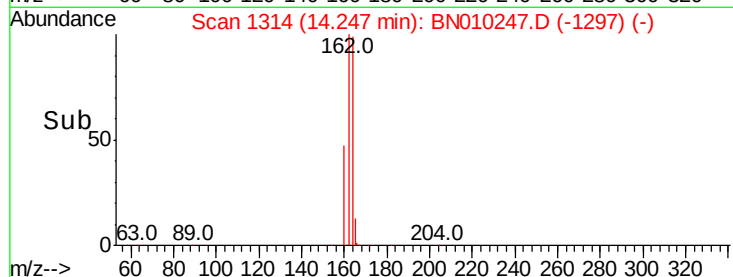
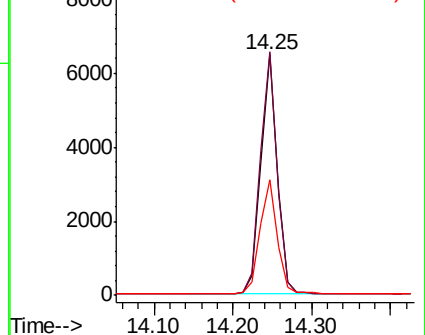
160 48.1 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.387 ng

RT: 15.74 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

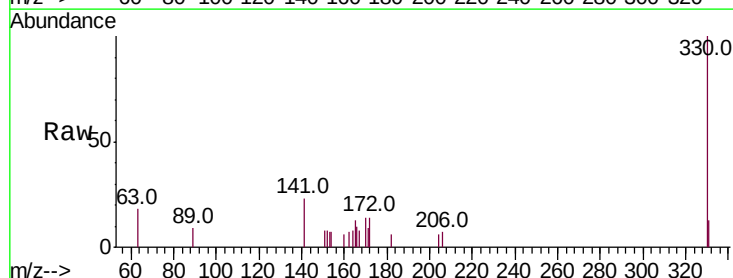
Tgt Ion:330 Resp: 1262

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

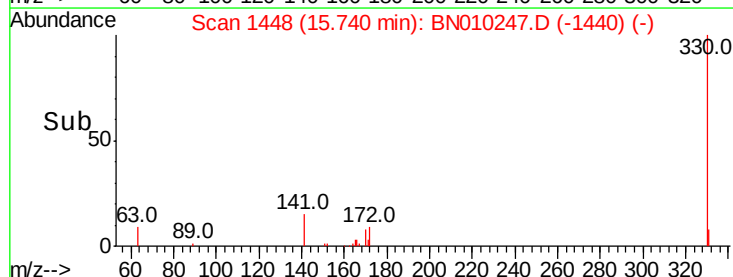
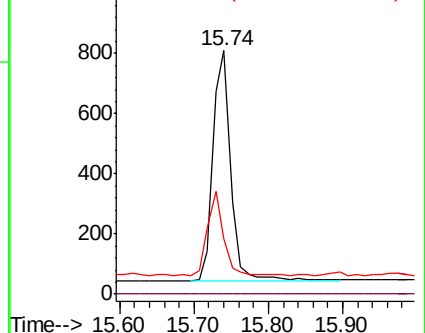
141 32.6 25.1 37.7

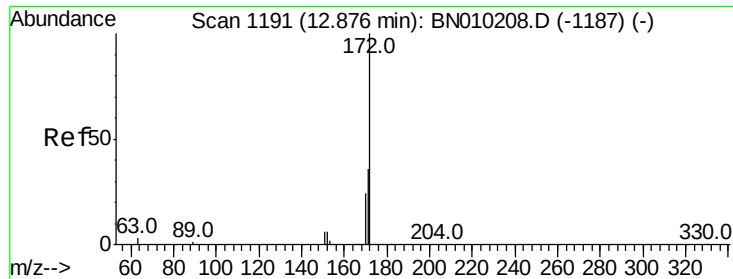


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

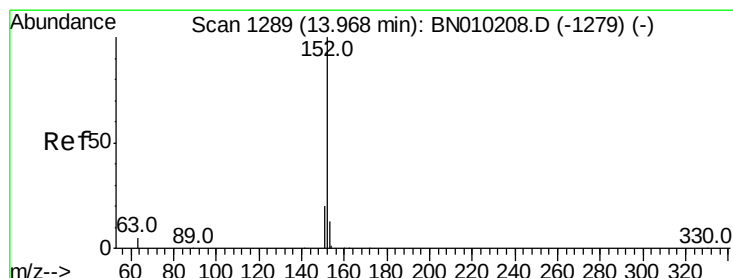
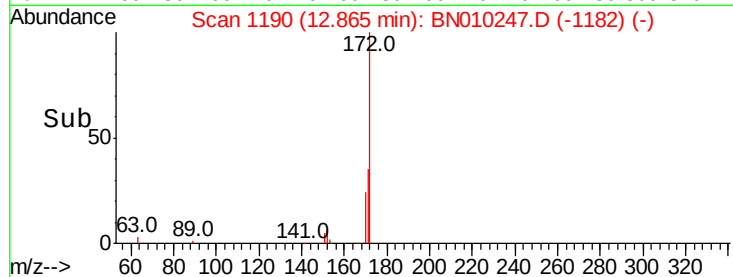
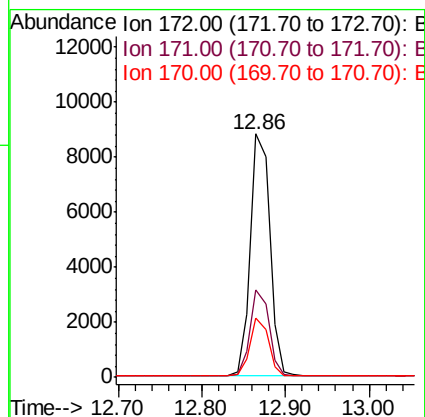
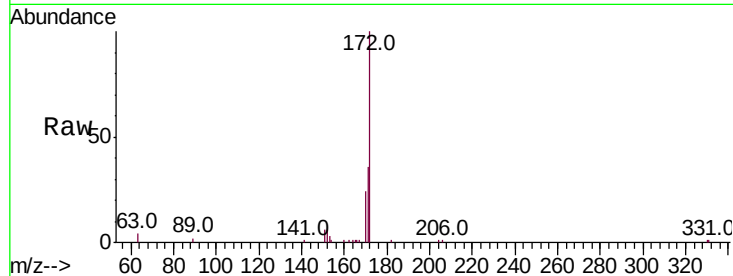




#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010247.D
Acq: 18 Mar 2020 02:48

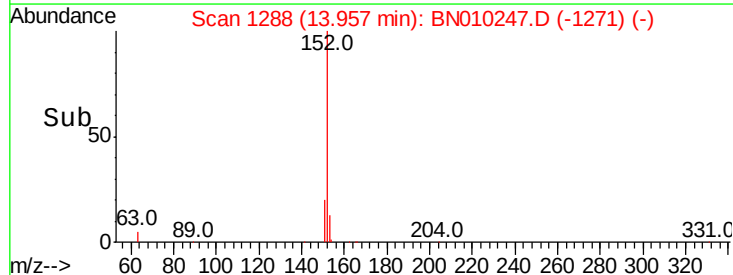
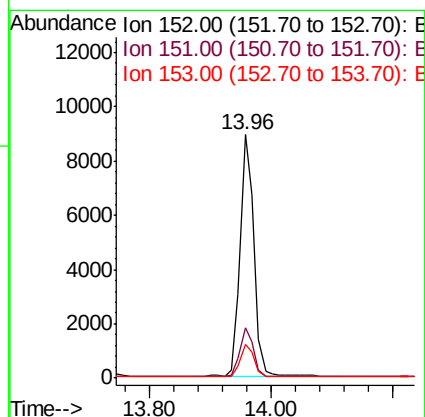
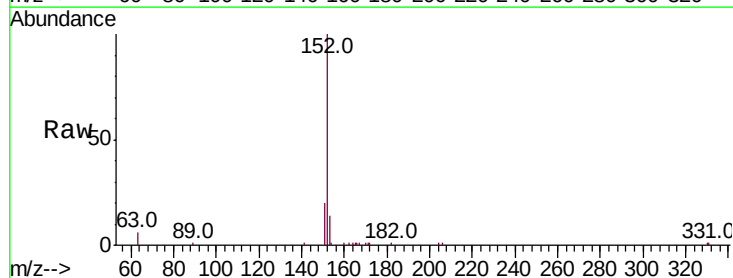
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

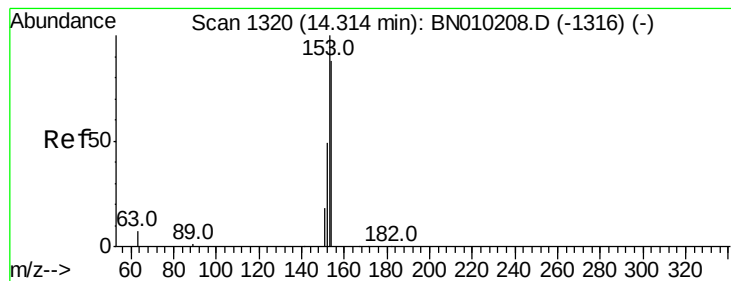
Tot Ion:172 Resp: 14306
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.2
170 24.4 20.2 30.4



#16
Acenaphthylene
Concen: 0.334 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BN010247.D
Acq: 18 Mar 2020 02:48

Tgt Ion:152 Resp: 14045
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.3 10.6 16.0





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

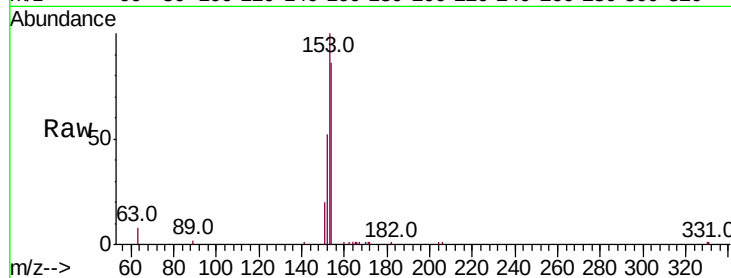
Tot Ion:154 Resp: 10314

Ion Ratio Lower Upper

154 100

153 111.2 90.3 135.5

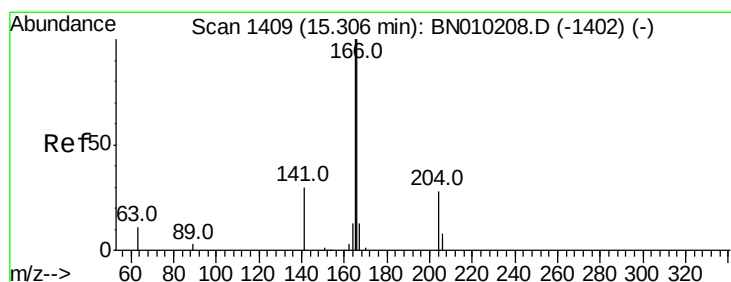
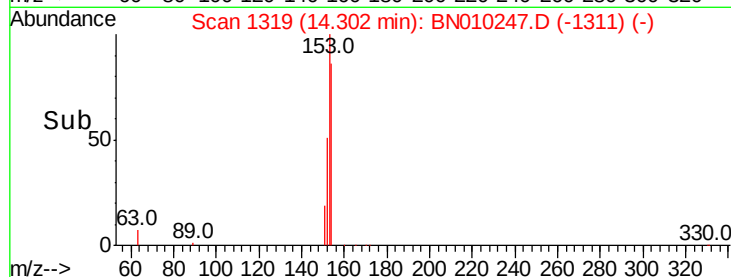
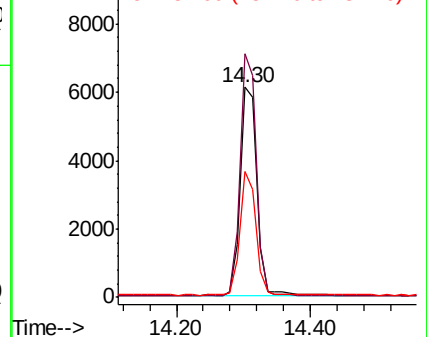
152 56.2 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.391 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

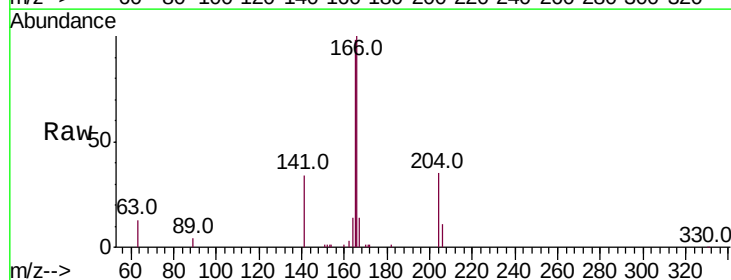
Tgt Ion:166 Resp: 13601

Ion Ratio Lower Upper

166 100

165 97.0 78.3 117.5

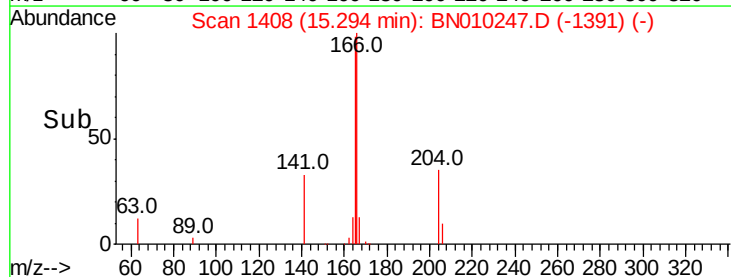
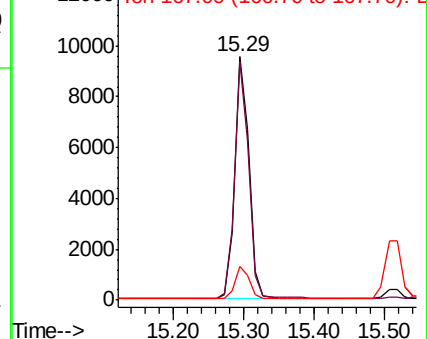
167 13.4 10.7 16.1

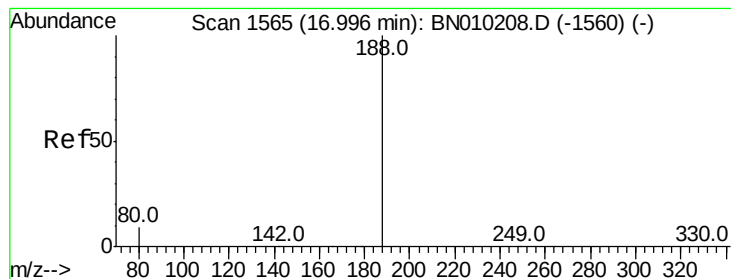


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

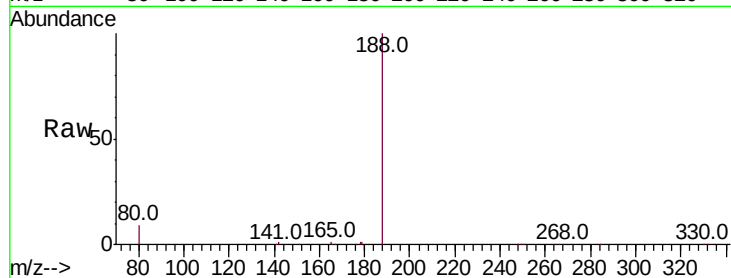
Tot Ion:188 Resp: 21752

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

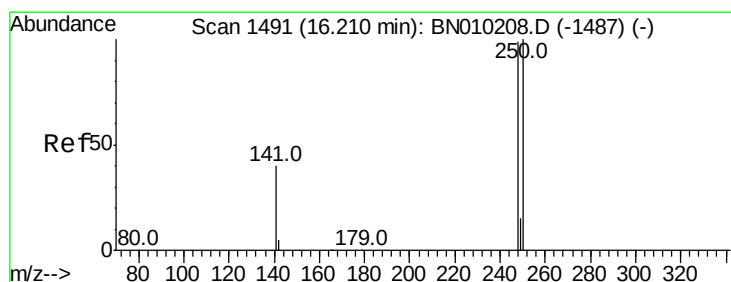
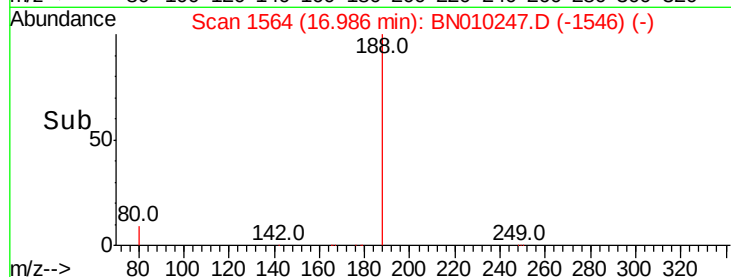
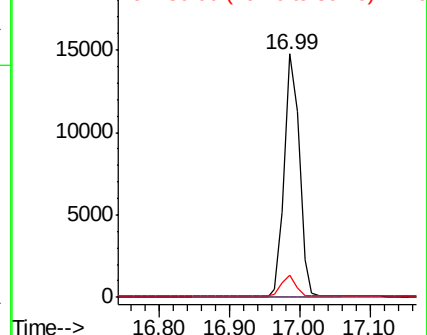
80 9.2 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.410 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.02 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

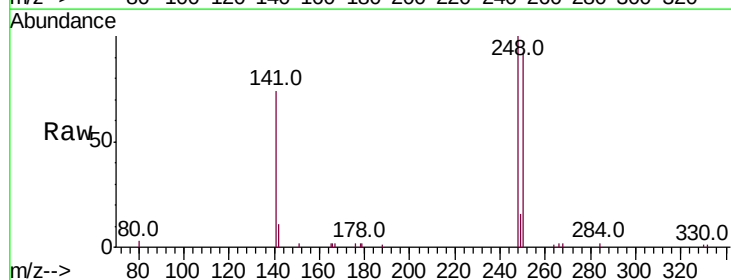
Tgt Ion:248 Resp: 5117

Ion Ratio Lower Upper

248 100

250 92.1 81.2 121.8

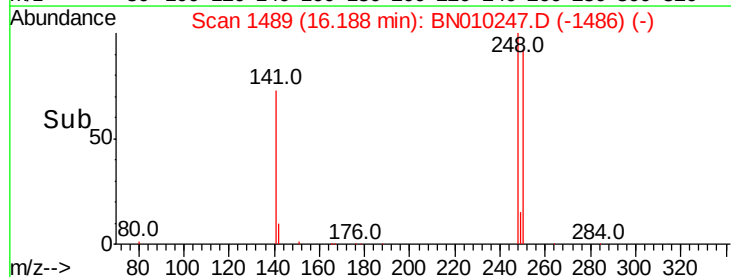
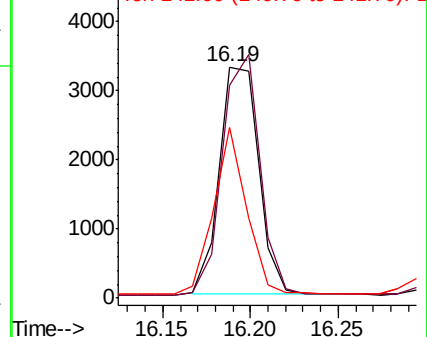
141 73.9 36.7 55.1#

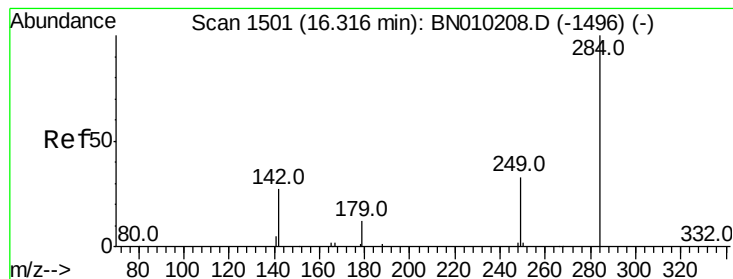


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.458 ng

RT: 16.31 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

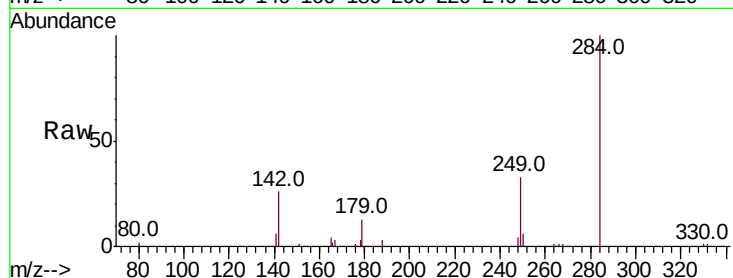
Tot Ion:284 Resp: 5586

Ion Ratio Lower Upper

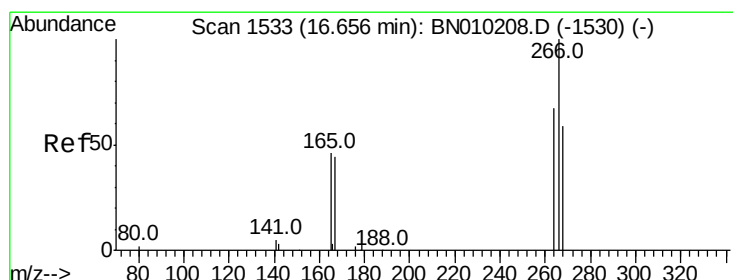
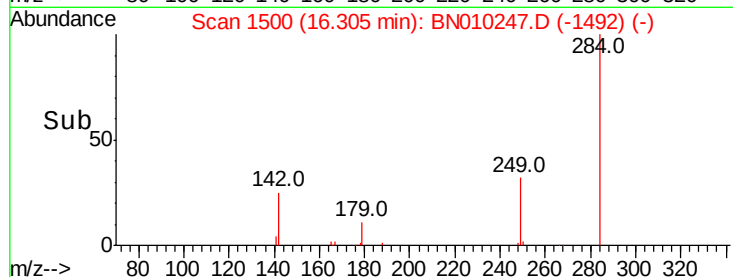
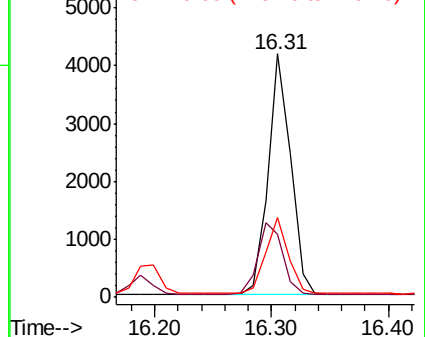
284 100

142 32.6 27.8 41.6

249 31.9 26.6 39.8



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



#22

Pentachlorophenol

Concen: 0.376 ng

RT: 16.65 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

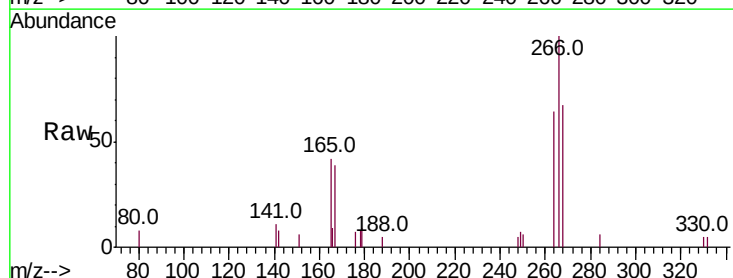
Tgt Ion:266 Resp: 1415

Ion Ratio Lower Upper

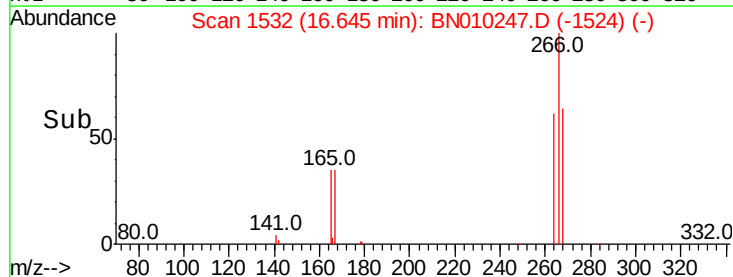
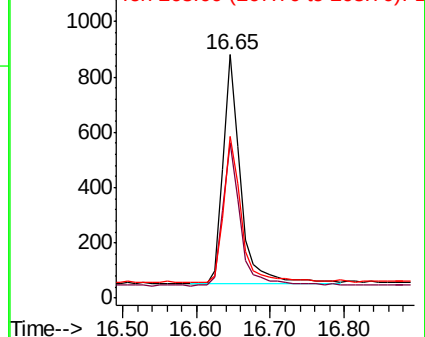
266 100

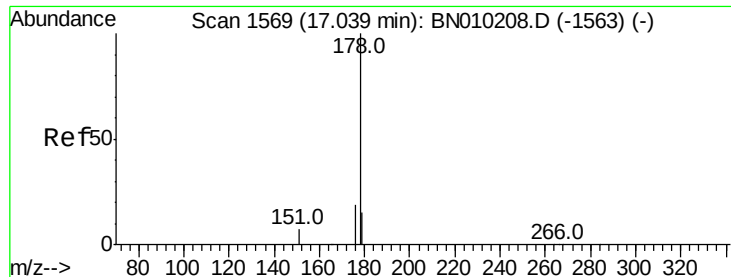
264 63.8 56.2 84.2

268 66.6 61.4 92.2



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.409 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

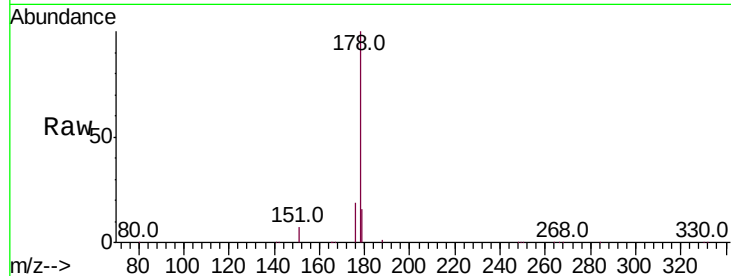
Tot Ion:178 Resp: 23597

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

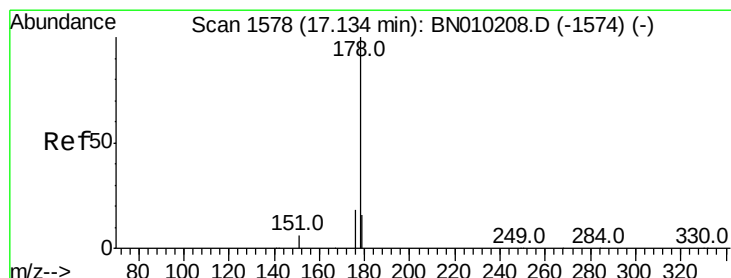
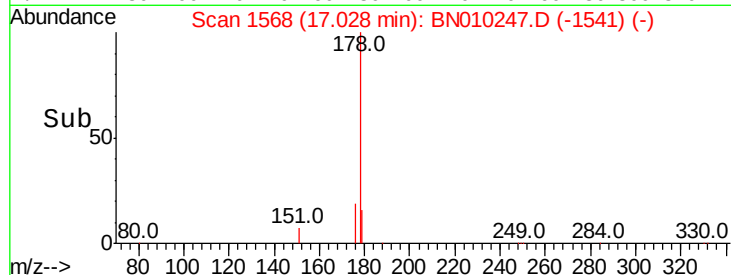
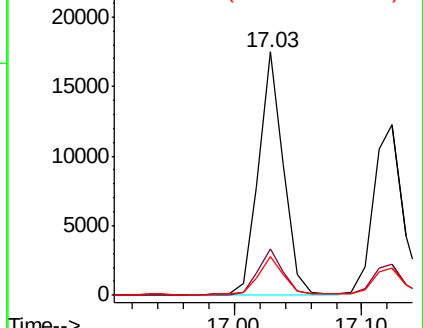
179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.340 ng

RT: 17.12 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

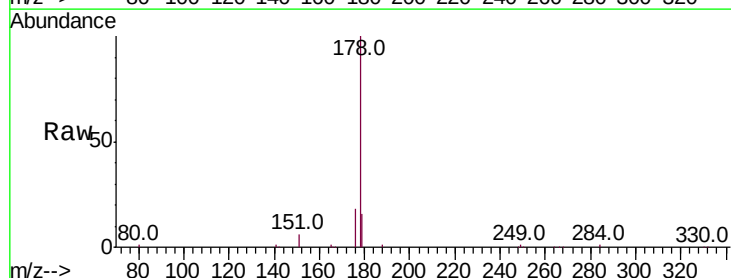
Tgt Ion:178 Resp: 19540

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

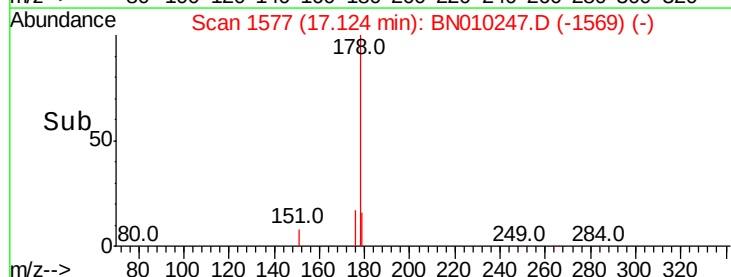
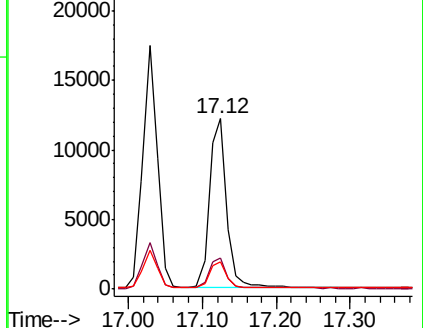
179 15.5 12.5 18.7

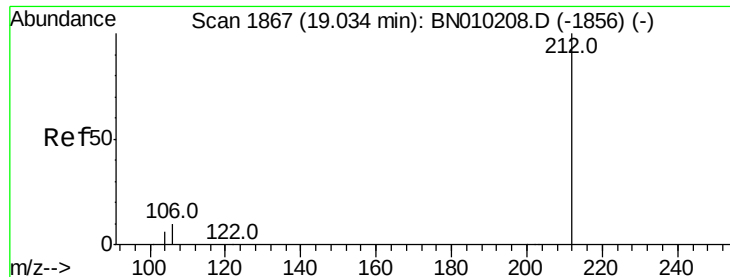


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.365 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

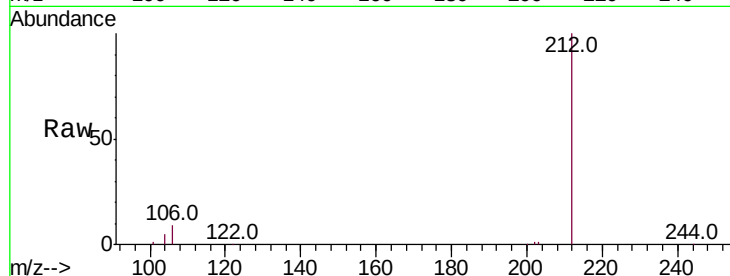
Tot Ion:212 Resp: 24481

Ion Ratio Lower Upper

212 100

106 9.4 8.1 12.1

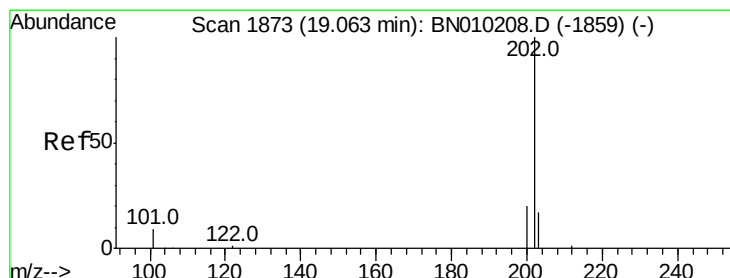
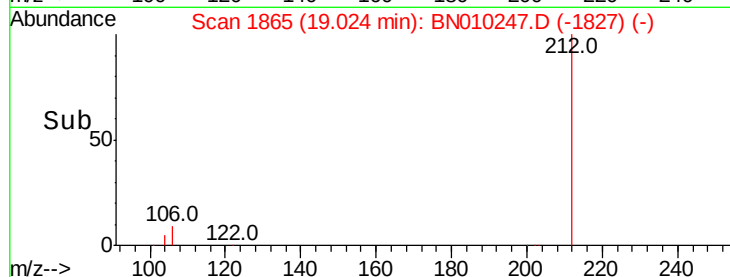
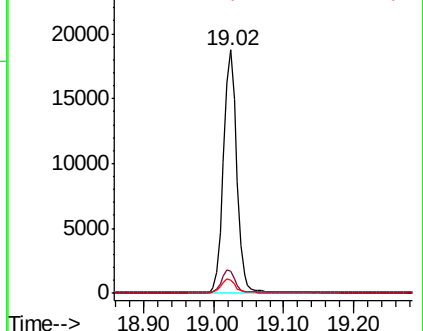
104 5.4 4.7 7.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.387 ng

RT: 19.05 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

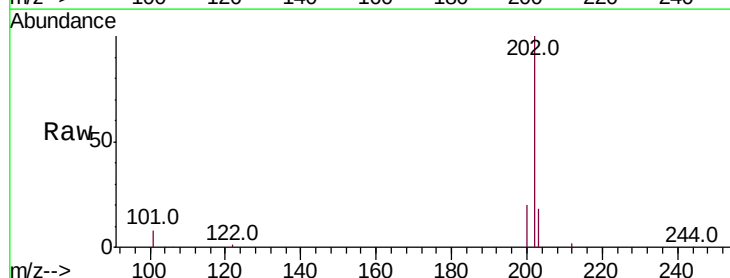
Tgt Ion:202 Resp: 28291

Ion Ratio Lower Upper

202 100

101 8.3 7.0 10.6

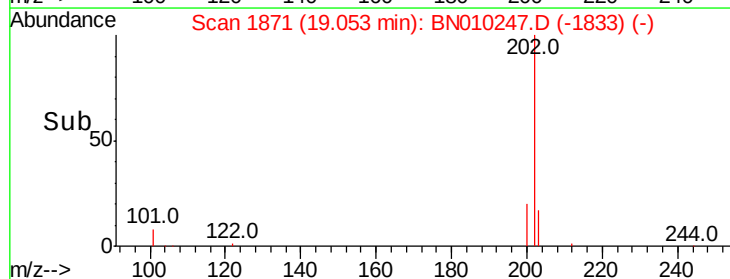
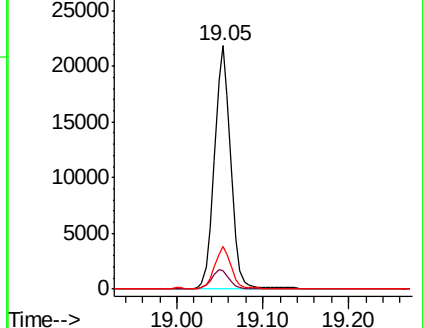
203 17.2 13.9 20.9

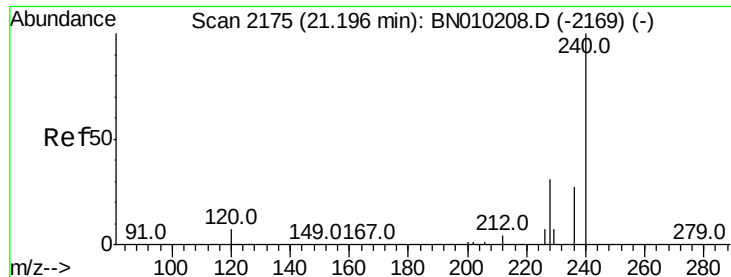


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

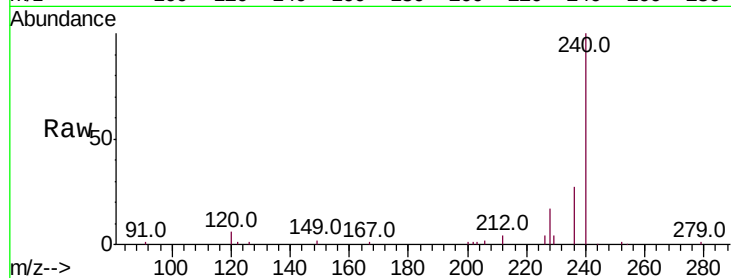




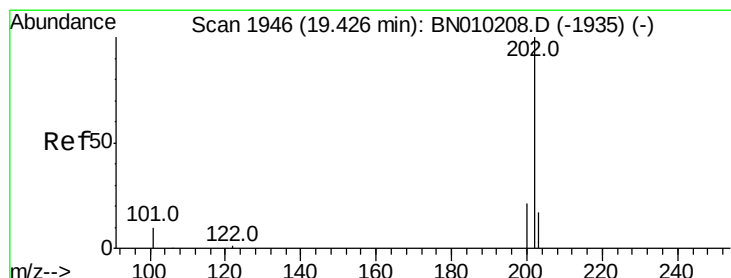
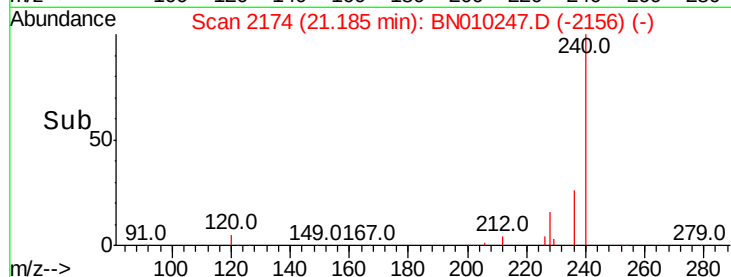
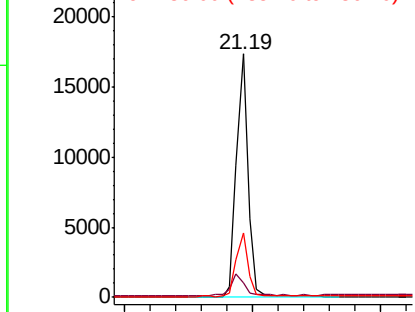
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BN010247.D
 Acq: 18 Mar 2020 02:48

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:240 Resp: 21839
 Ion Ratio Lower Upper
 240 100
 120 6.0 7.7 11.5#
 236 26.6 21.8 32.6

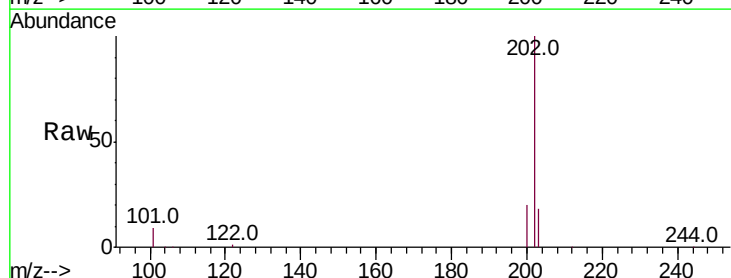


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

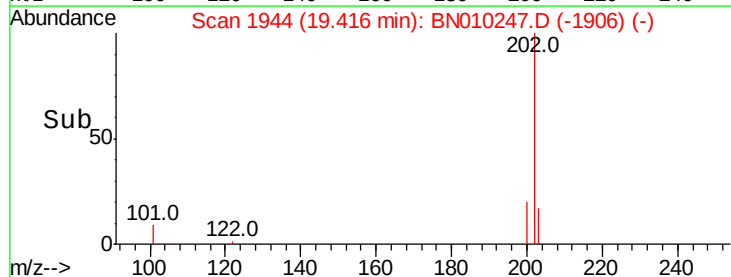
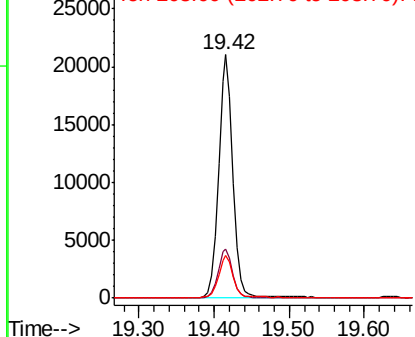


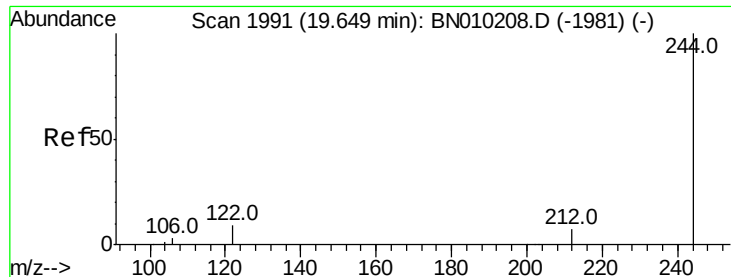
#28
 Pyrene
 Concen: 0.385 ng
 RT: 19.42 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BN010247.D
 Acq: 18 Mar 2020 02:48

Tgt Ion:202 Resp: 28090
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.6 24.8
 203 17.5 14.1 21.1



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: 0.398 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

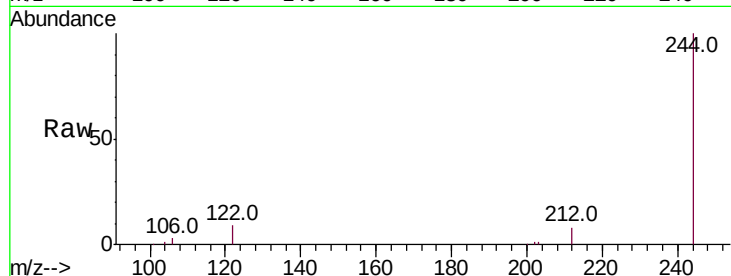
Tot Ion:244 Resp: 19821

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

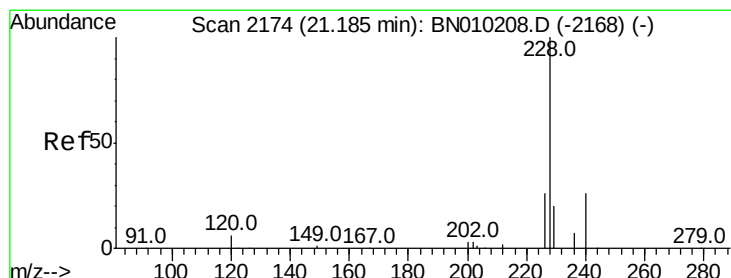
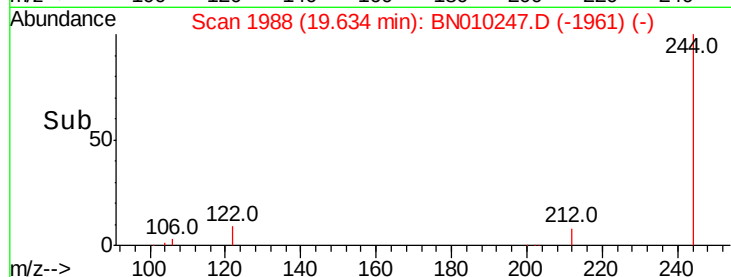
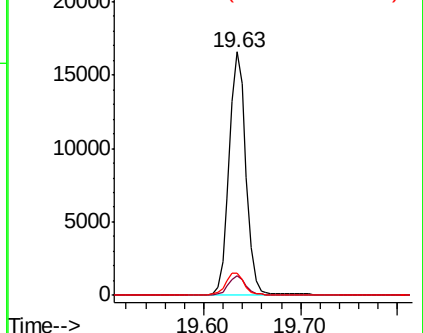
122 9.2 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.357 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

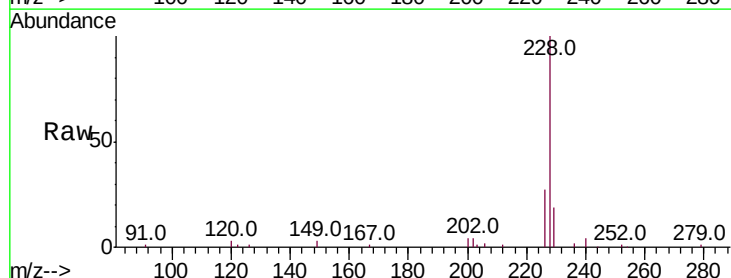
Tgt Ion:228 Resp: 26477

Ion Ratio Lower Upper

228 100

226 27.4 21.1 31.7

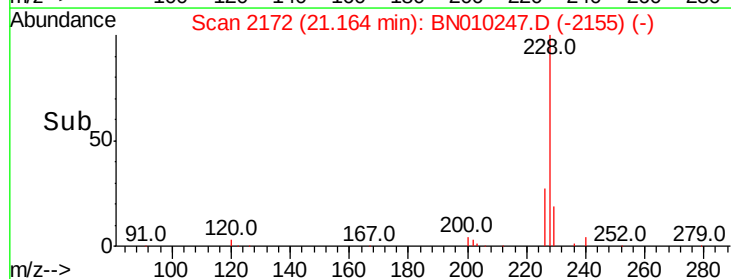
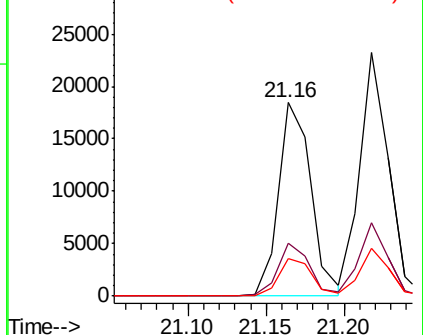
229 19.4 16.2 24.4

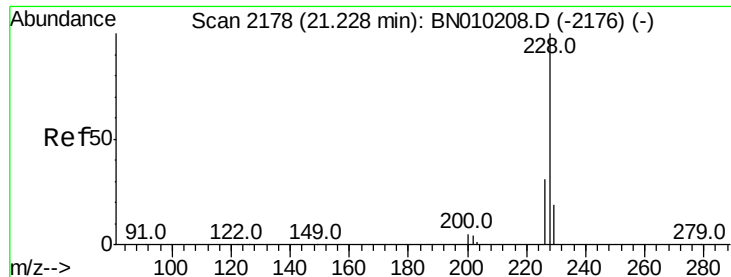


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

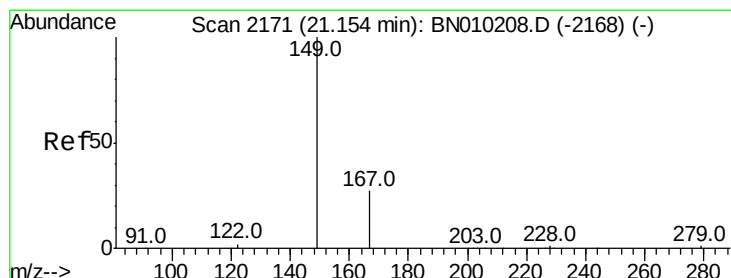
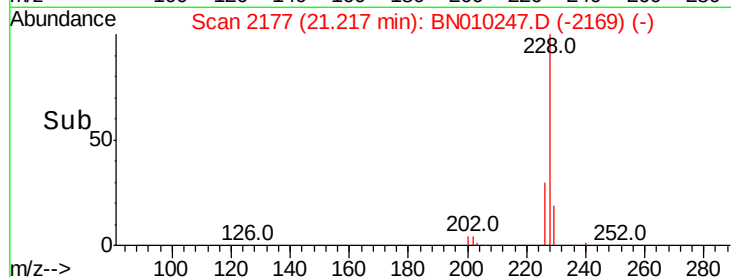
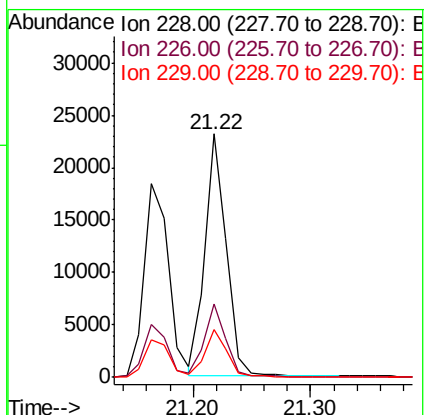
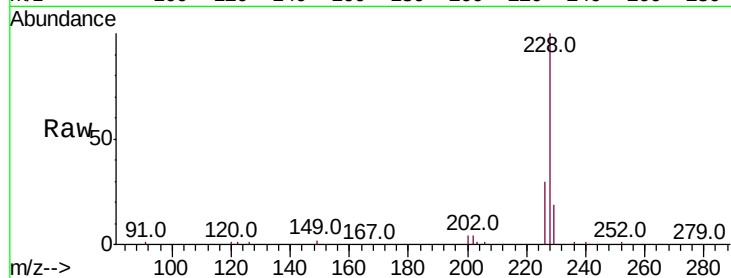
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 29565

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.4
229	19.5	15.7	23.5



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.209 ng

RT: 21.13 min Scan# 2169

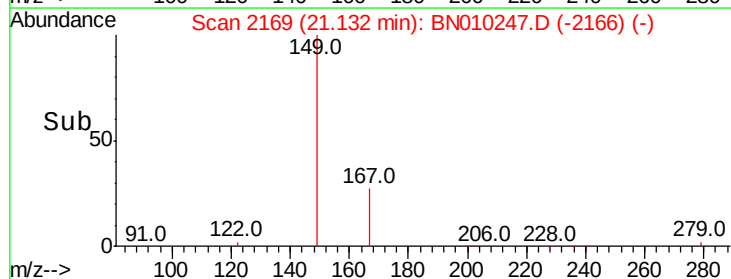
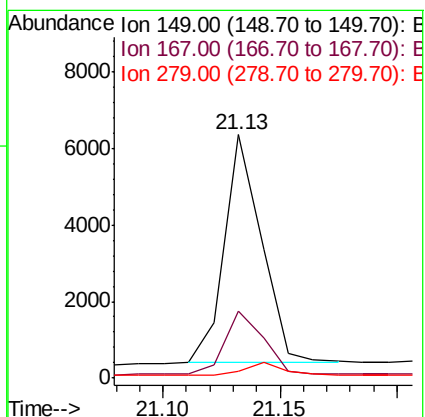
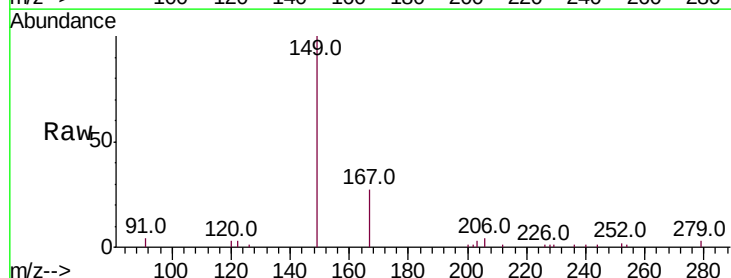
Delta R.T. -0.02 min

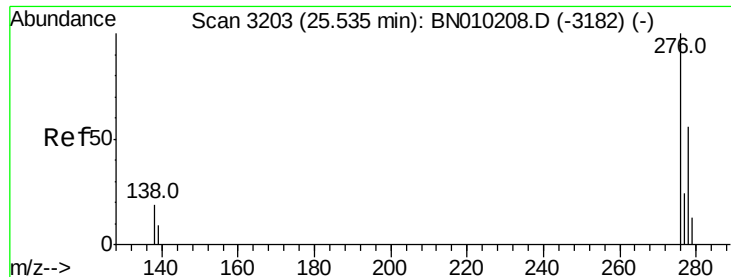
Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Tgt Ion:149 Resp: 6604

Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.0	31.4
279	4.9	3.1	4.7#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.410 ng

RT: 25.50 min Scan# 3194

Delta R.T. -0.03 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

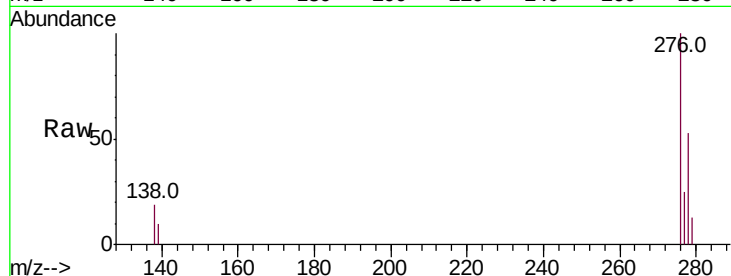
Tot Ion:276 Resp: 35598

Ion Ratio Lower Upper

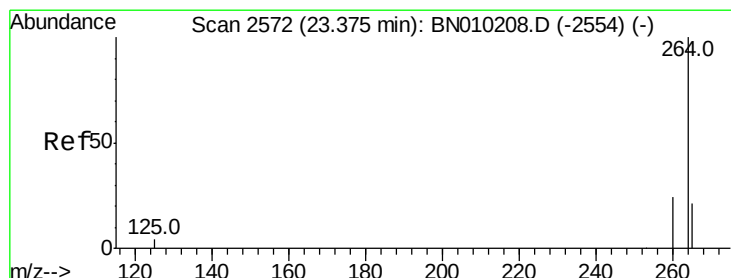
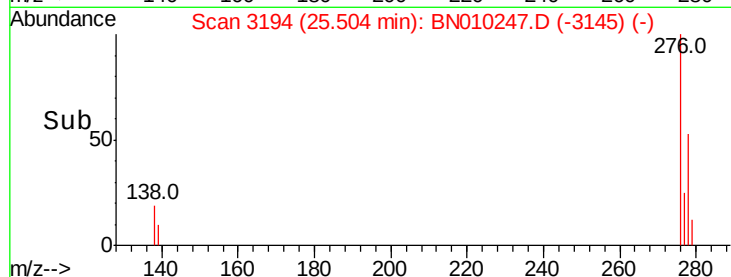
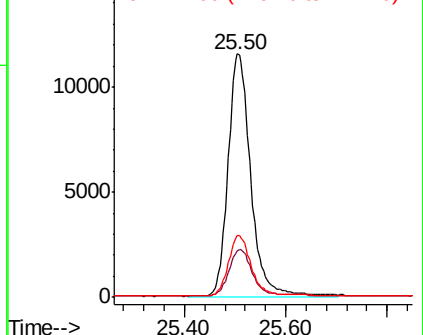
276 100

138 19.5 15.8 23.6

277 25.2 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2566

Delta R.T. -0.02 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

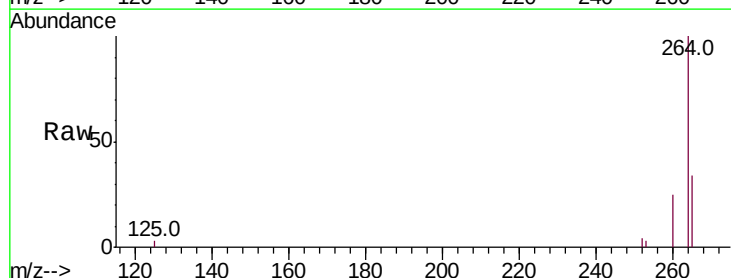
Tgt Ion:264 Resp: 25331

Ion Ratio Lower Upper

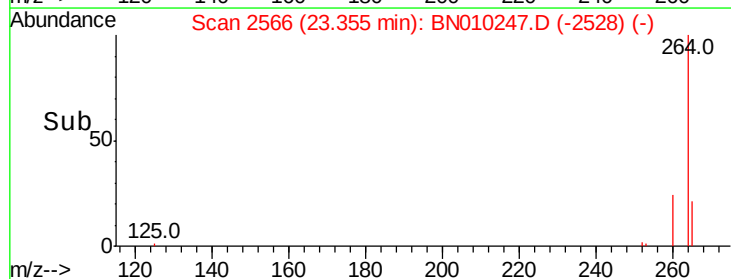
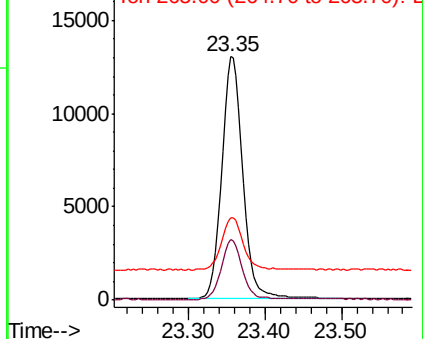
264 100

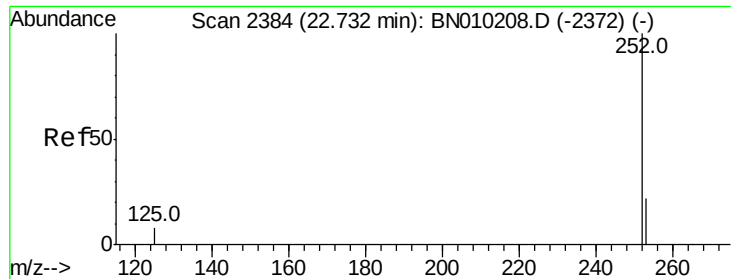
260 24.7 19.7 29.5

265 33.8 25.8 38.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.375 ng

RT: 22.71 min Scan# 2378

Delta R.T. -0.02 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

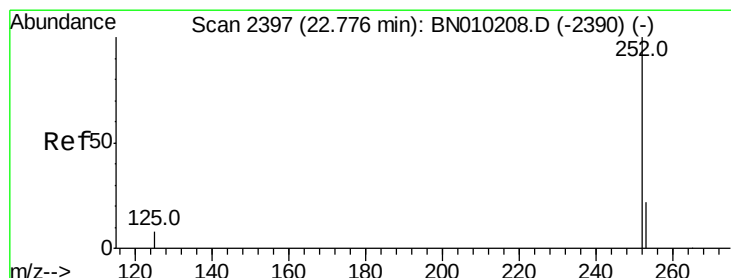
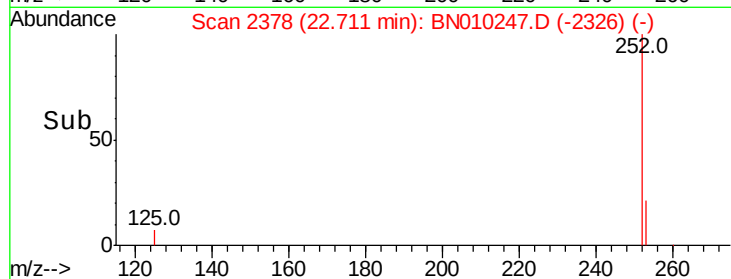
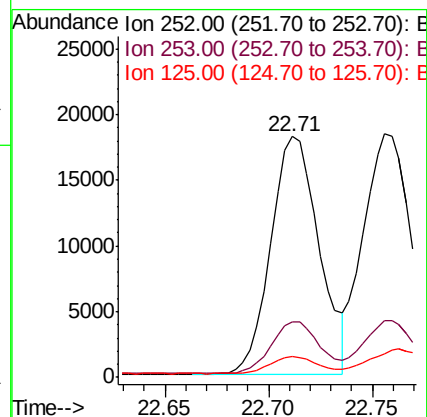
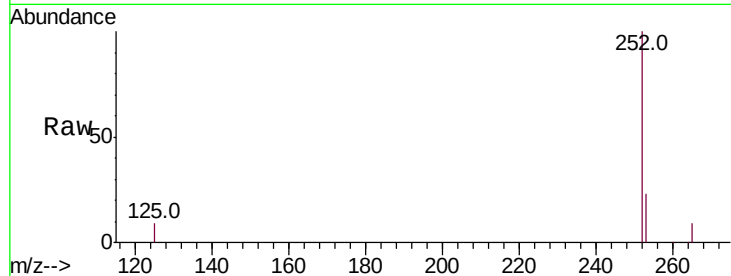
Tot Ion:252 Resp: 29209

Ion Ratio Lower Upper

252 100

253 22.9 18.6 28.0

125 8.9 7.9 11.9



#36

Benzo(k)fluoranthene

Concen: 0.395 ng

RT: 22.76 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

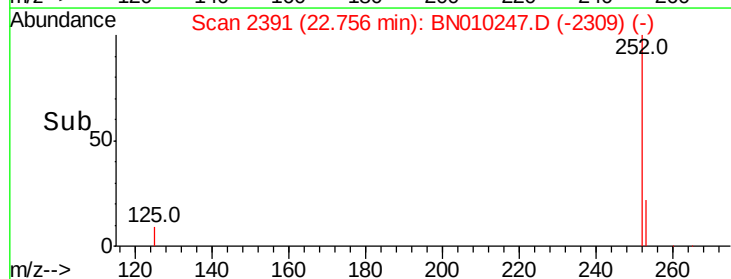
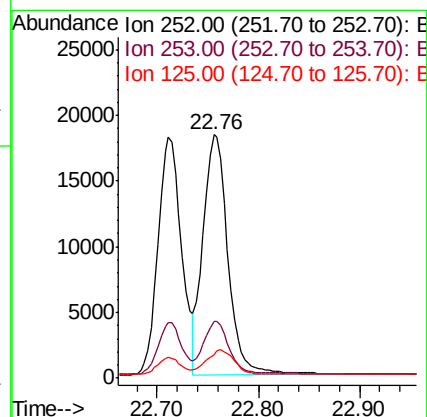
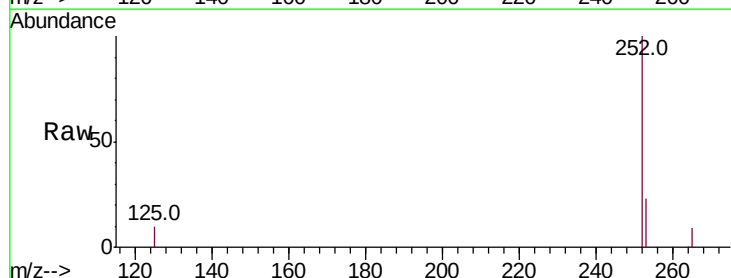
Tgt Ion:252 Resp: 31064

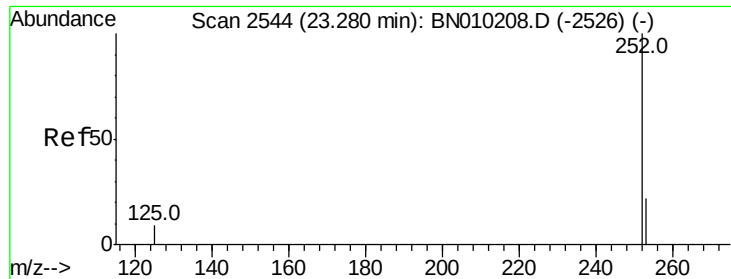
Ion Ratio Lower Upper

252 100

253 23.2 18.8 28.2

125 9.9 8.2 12.4





#37

Benzo(a)pyrene

Concen: 0.319 ng

RT: 23.26 min Scan# 2539

Delta R.T. -0.02 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

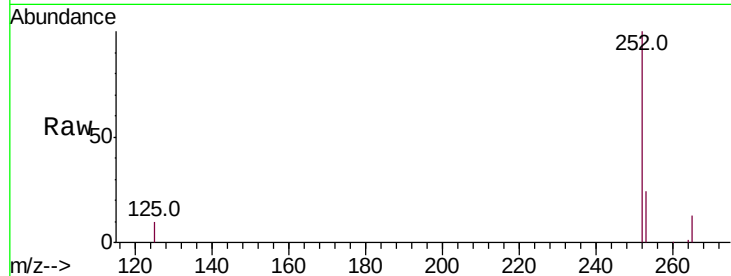
Tot Ion:252 Resp: 23474

Ion Ratio Lower Upper

252 100

253 23.9 19.1 28.7

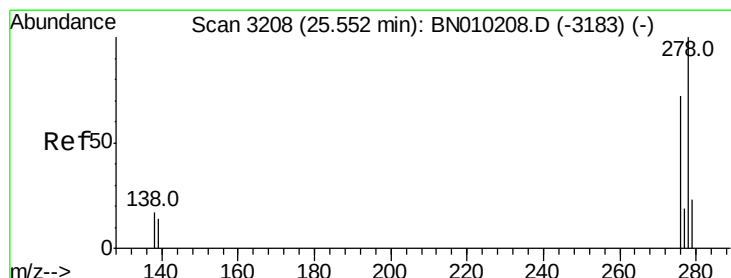
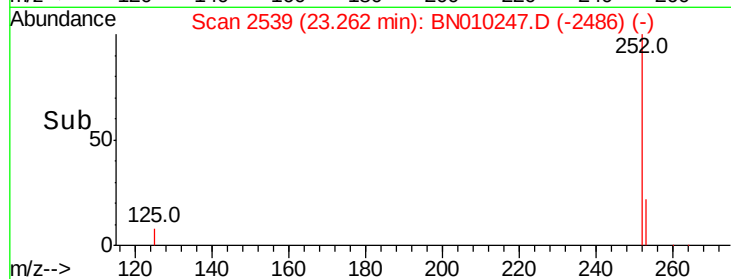
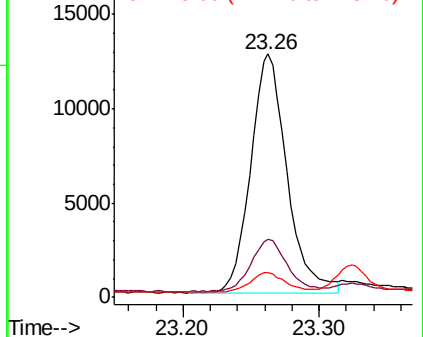
125 9.9 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.406 ng

RT: 25.52 min Scan# 3199

Delta R.T. -0.03 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

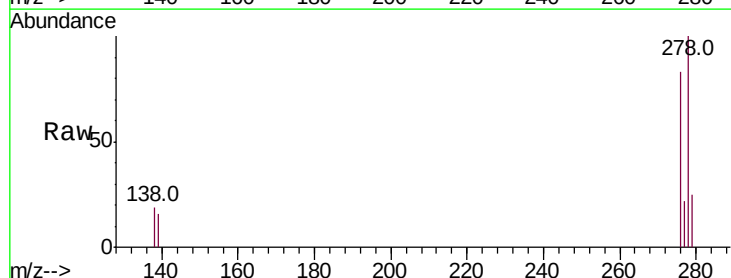
Tgt Ion:278 Resp: 29920

Ion Ratio Lower Upper

278 100

139 15.5 12.4 18.6

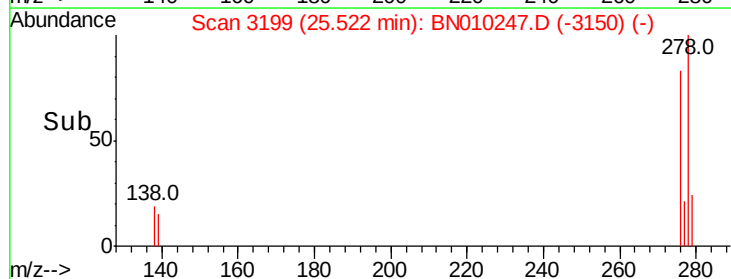
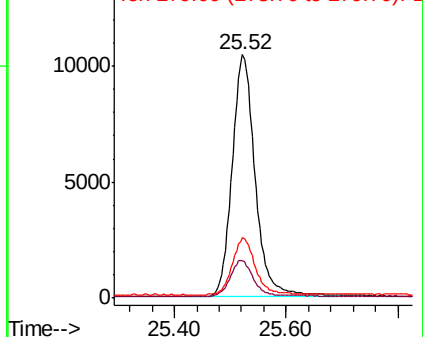
279 25.1 20.2 30.2

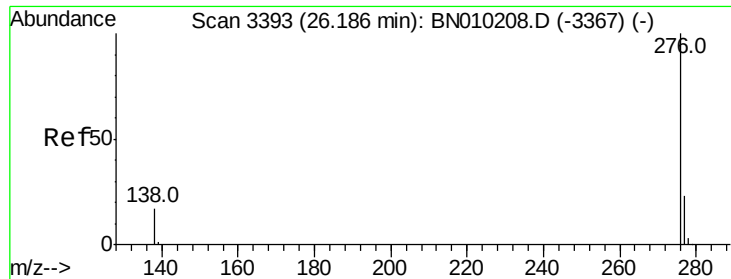


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.385 ng

RT: 26.15 min Scan# 3384

Delta R.T. -0.03 min

Lab File: BN010247.D

Acq: 18 Mar 2020 02:48

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

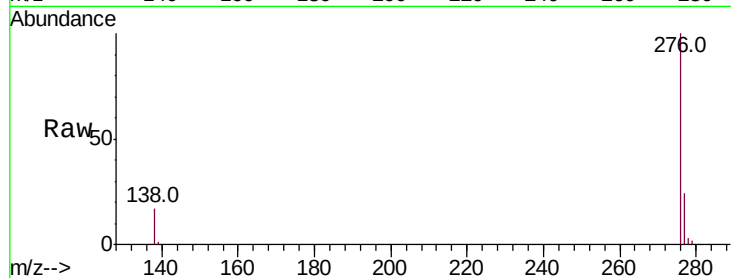
Tot Ion:276 Resp: 28338

Ion Ratio Lower Upper

276 100

277 23.9 19.4 29.2

138 16.8 15.4 23.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

