

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010266.D
 Acq On : 18 Mar 2020 16:44
 Operator : CG/JU
 Sample : PB127606BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127606BS

Quant Time: Mar 19 01:13:06 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	3516	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12170	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	7438	0.40	ng	-0.02
19) Phenanthrene-d10	16.98	188	17945	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	18223	0.40	ng	0.00
34) Perylene-d12	23.36	264	19509	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2684	0.33	ng	-0.02
5) Phenol-d6	6.81	99	3398	0.33	ng	0.00
8) Nitrobenzene-d5	8.76	82	2913	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7719	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	978	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	11750	0.44	ng	0.00
25) Fluoranthene-d10	19.02	212	20641	0.37	ng	-0.01
29) Terphenyl-d14	19.63	244	16246	0.39	ng	-0.02

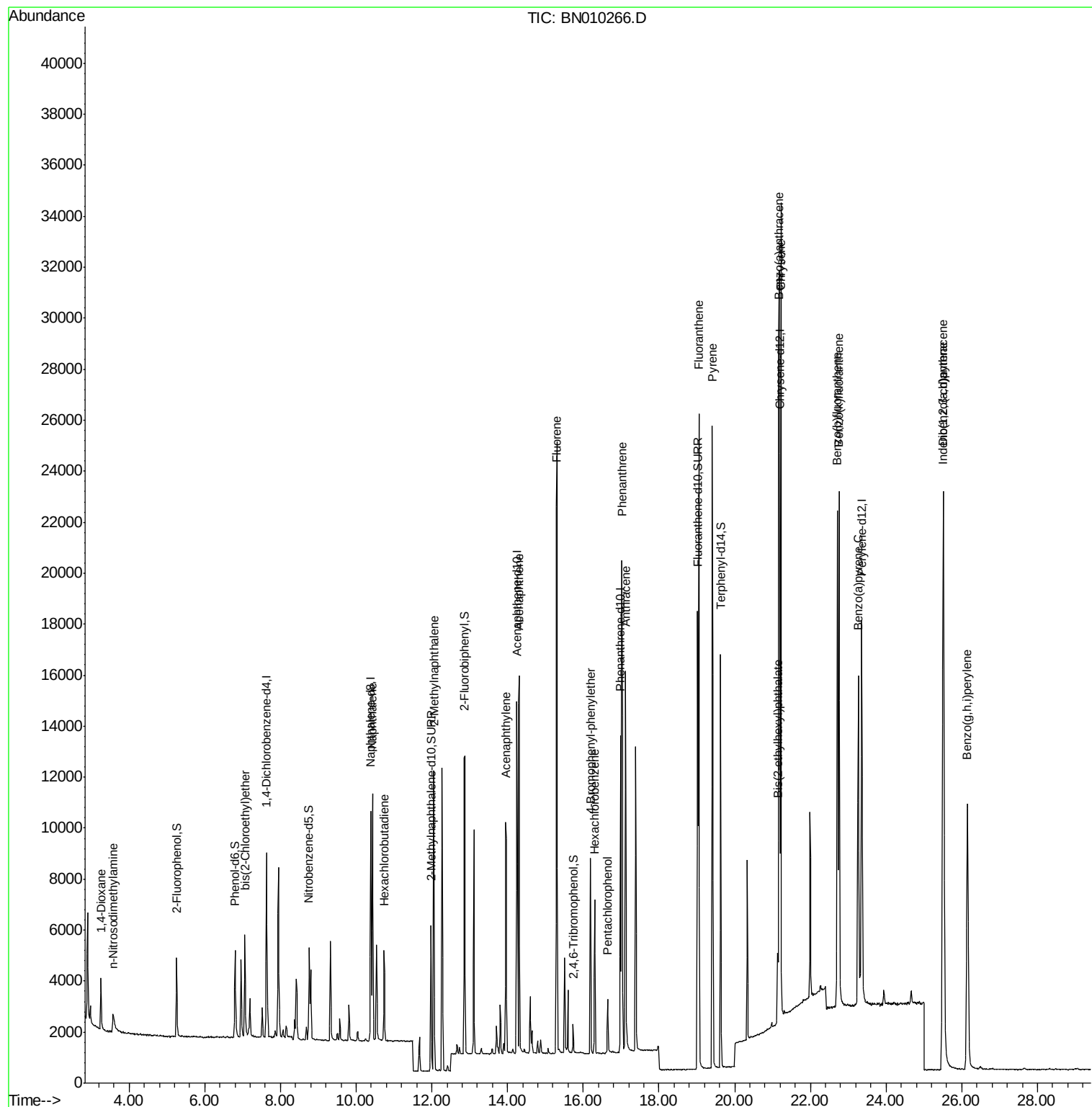
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1366	0.398	ng	# 54
3) n-Nitrosodimethylamine	3.57	42	905	0.298	ng	# 26
6) bis(2-Chloroethyl)ether	7.06	93	3313	0.385	ng	97
9) Naphthalene	10.43	128	12019	0.394	ng	96
10) Hexachlorobutadiene	10.73	225	2974	0.424	ng	# 97
12) 2-Methylnaphthalene	12.05	142	8401	0.384	ng	96
16) Acenaphthylene	13.95	152	11315	0.330	ng	99
17) Acenaphthene	14.31	154	8294	0.398	ng	97
18) Fluorene	15.29	166	11004	0.388	ng	99
20) 4-Bromophenyl-phenylether	16.20	248	4230	0.411	ng	94
21) Hexachlorobenzene	16.30	284	4583	0.455	ng	98
22) Pentachlorophenol	16.64	266	1194	0.384	ng	90
23) Phenanthrene	17.02	178	19374	0.407	ng	100
24) Anthracene	17.12	178	15984	0.337	ng	100
26) Fluoranthene	19.05	202	23216	0.385	ng	99
28) Pyrene	19.41	202	23197	0.381	ng	99
30) Benzo(a)anthracene	21.17	228	21825	0.352	ng	98
31) Chrysene	21.22	228	24598	0.403	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	5528	0.210	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.50	276	28303	0.391	ng	99
35) Benzo(b)fluoranthene	22.71	252	23733	0.396	ng	99
36) Benzo(k)fluoranthene	22.76	252	25866	0.427	ng	100
37) Benzo(a)pyrene	23.26	252	20274	0.358	ng	98
38) Dibenzo(a,h)anthracene	25.52	278	23315	0.411	ng	98
39) Benzo(g,h,i)perylene	26.15	276	22666	0.400	ng	97

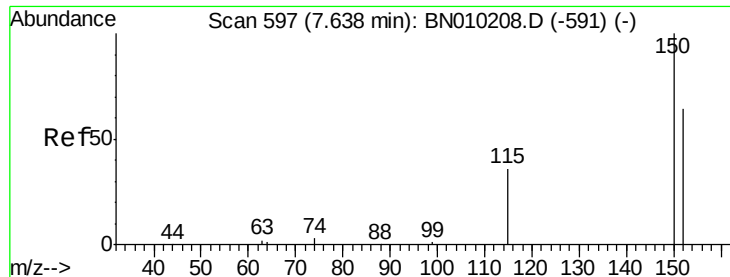
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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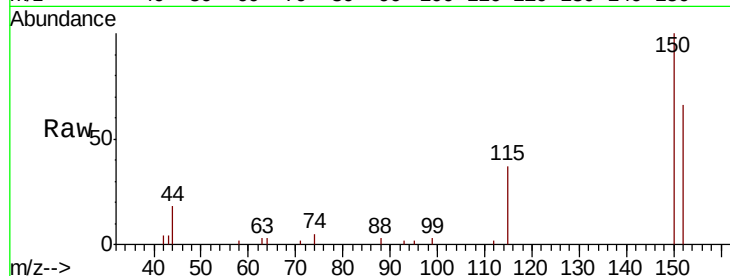


#1

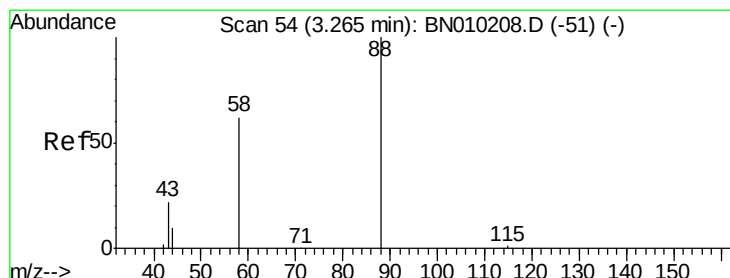
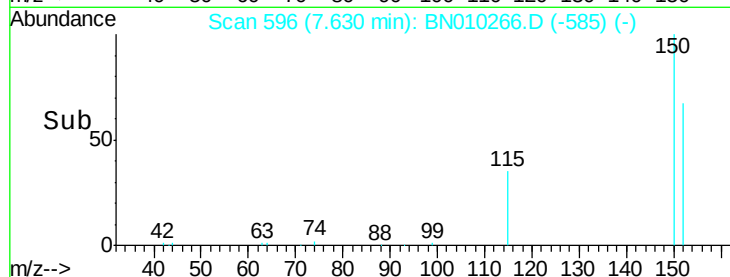
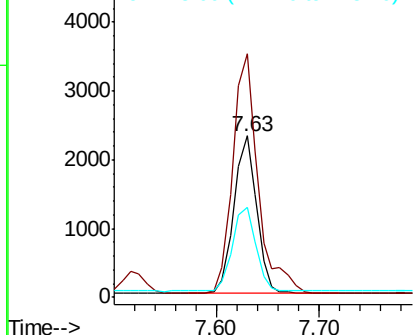
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tot Ion:152 Resp: 3516
Ion Ratio Lower Upper
152 100
150 150.7 119.5 179.3
115 55.4 50.9 76.3



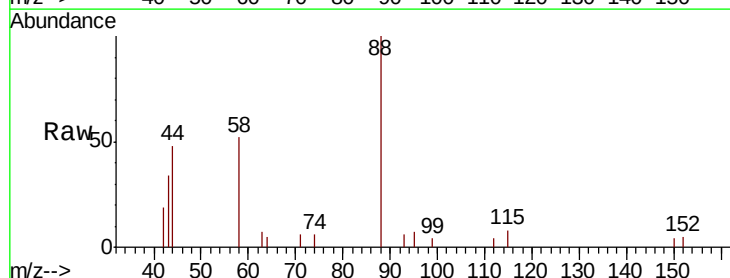
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



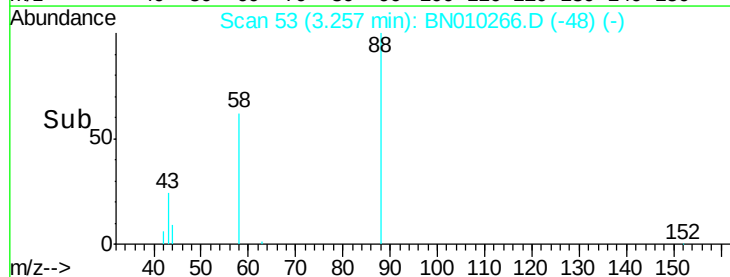
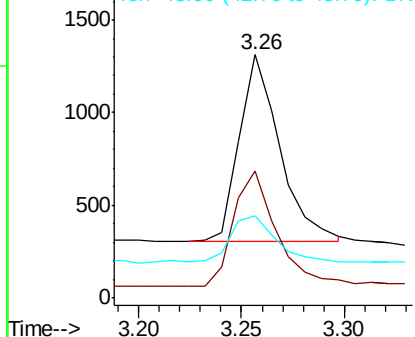
#2

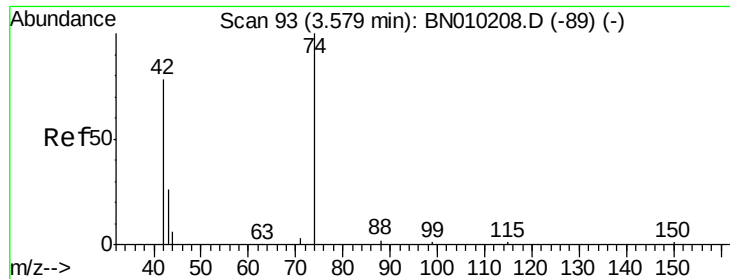
1,4-Dioxane
Concen: 0.398 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion: 88 Resp: 1366
Ion Ratio Lower Upper
88 100
58 66.8 97.8 146.8#
43 27.1 45.1 67.7#



Abundance Ion 88.00 (87.70 to 88.70): BN0
Ion 58.00 (57.70 to 58.70): BN0
Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.298 ng

RT: 3.57 min Scan# 92

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

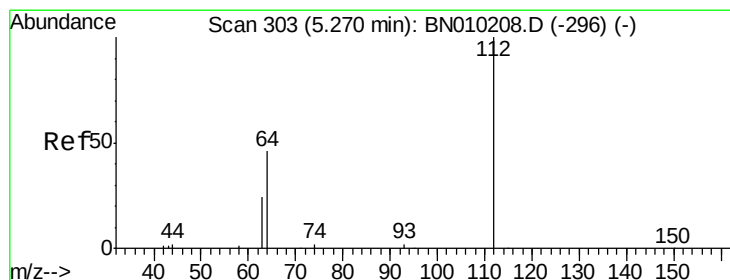
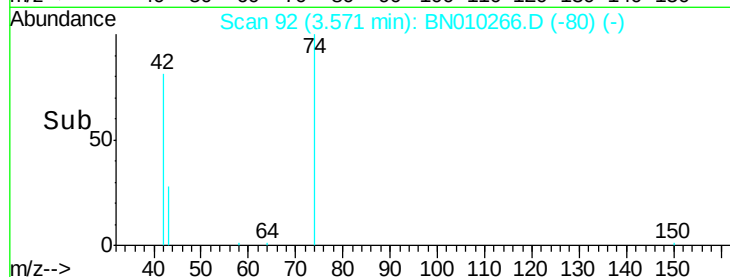
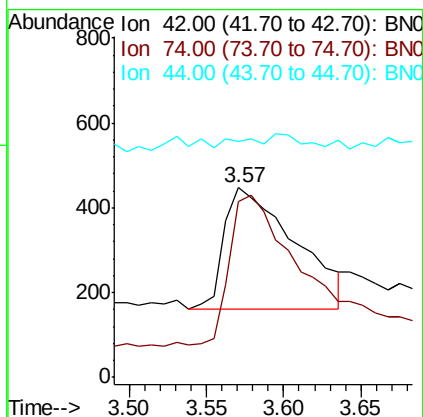
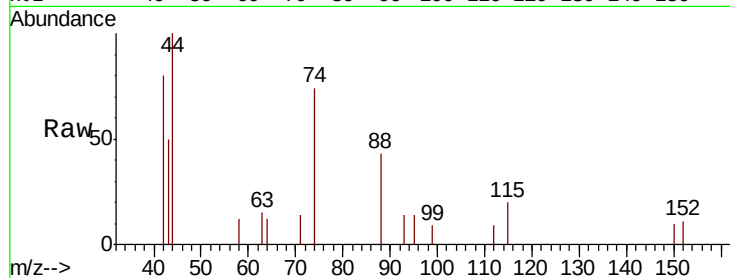
Tot Ion: 42 Resp: 905

Ion Ratio Lower Upper

42 100

74 124.9 51.2 76.8#

44 0.0 2.6 4.0#



#4

2-Fluorophenol

Concen: 0.325 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

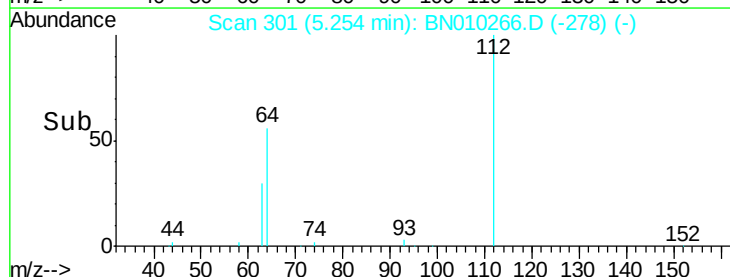
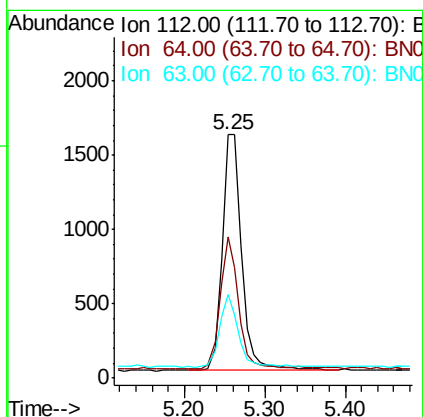
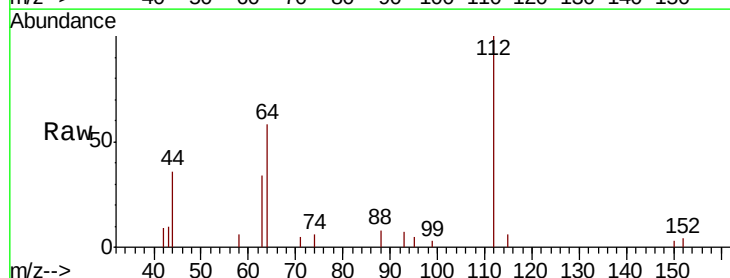
Tgt Ion: 112 Resp: 2684

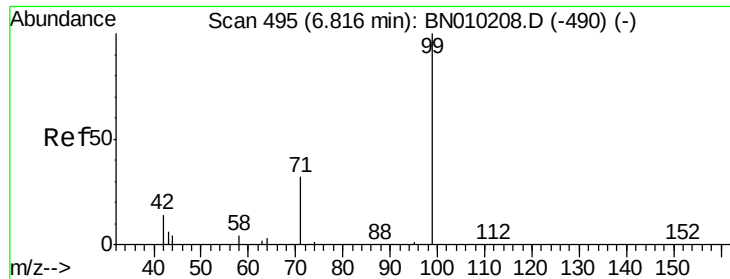
Ion Ratio Lower Upper

112 100

64 51.9 42.6 63.8

63 29.2 23.6 35.4





#5

Phenol-d6

Concen: 0.330 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

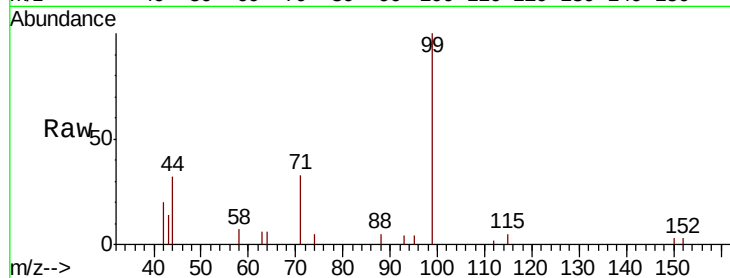
Tot Ion: 99 Resp: 3398

Ion Ratio Lower Upper

99 100

42 20.7 12.0 18.0#

71 34.1 22.6 33.8#

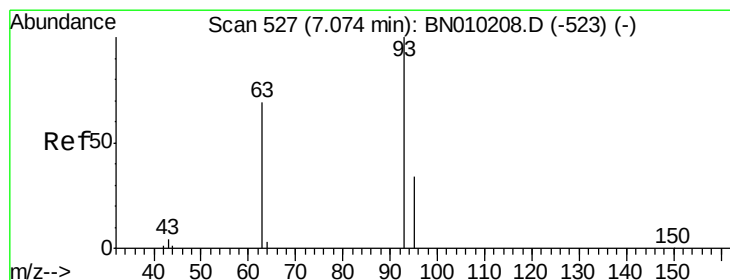
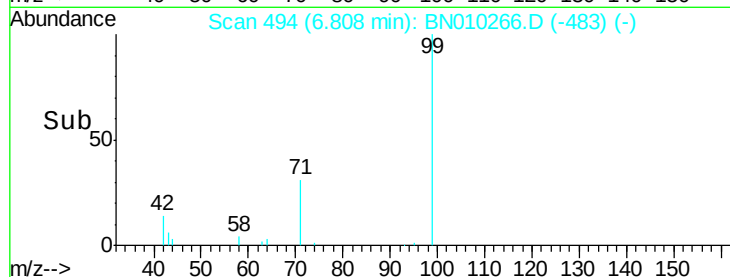


Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

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

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

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.385 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

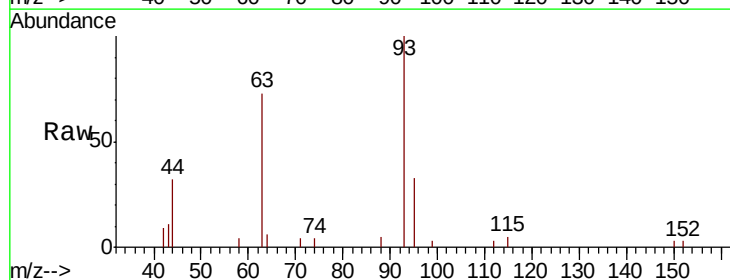
Tgt Ion: 93 Resp: 3313

Ion Ratio Lower Upper

93 100

63 69.1 53.4 80.0

95 34.0 28.6 42.8

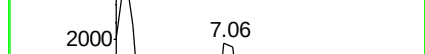
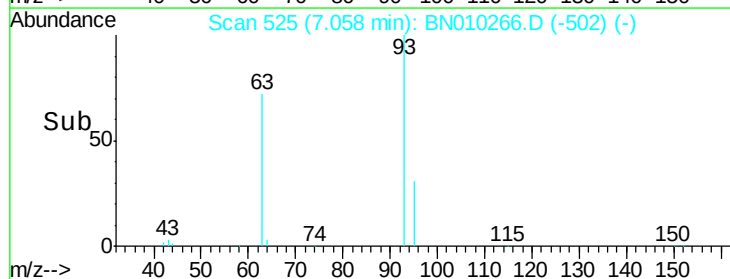


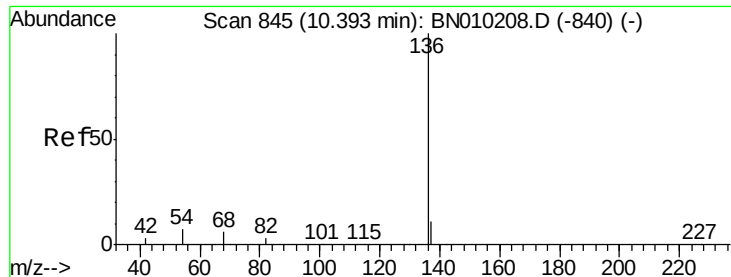
Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

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

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

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

Tot Ion:136 Resp: 12170

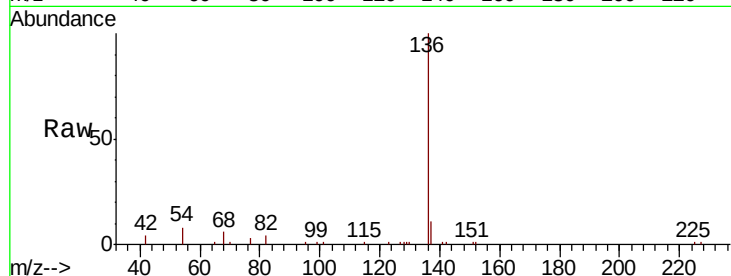
Ion Ratio Lower Upper

136 100

137 11.3 10.6 15.8

54 7.6 9.5 14.3#

68 6.5 9.7 14.5#

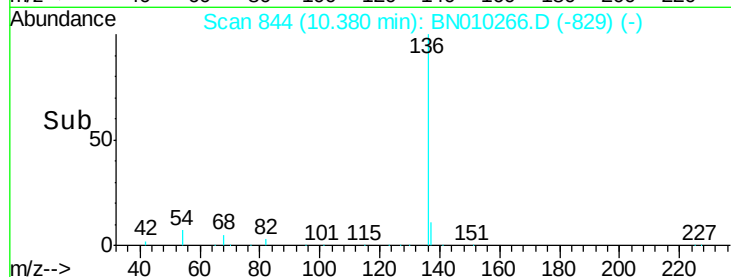


Abundance Ion 136.00 (135.70 to 136.70): E

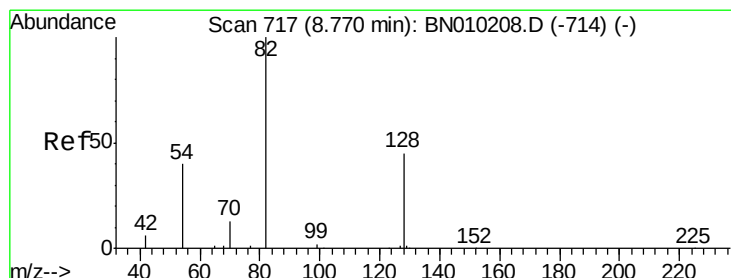
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.399 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

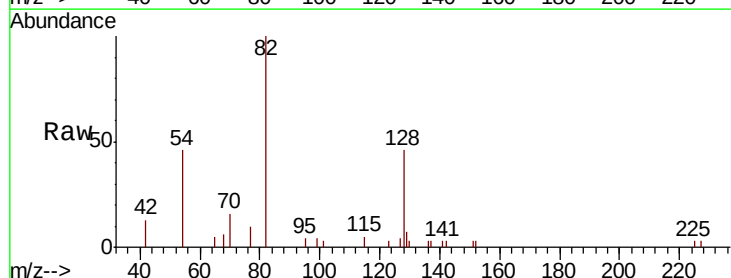
Tgt Ion: 82 Resp: 2913

Ion Ratio Lower Upper

82 100

128 46.4 35.0 52.6

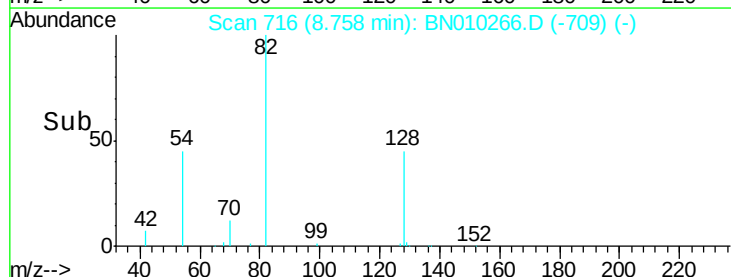
54 46.1 37.0 55.4



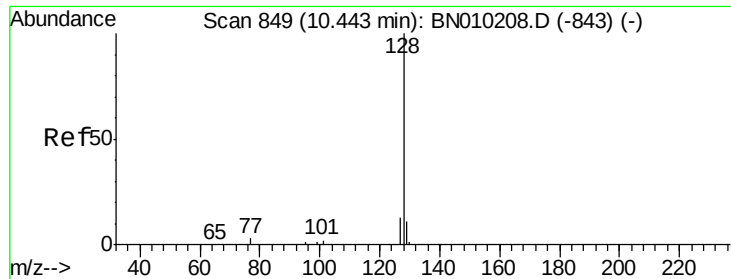
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.394 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

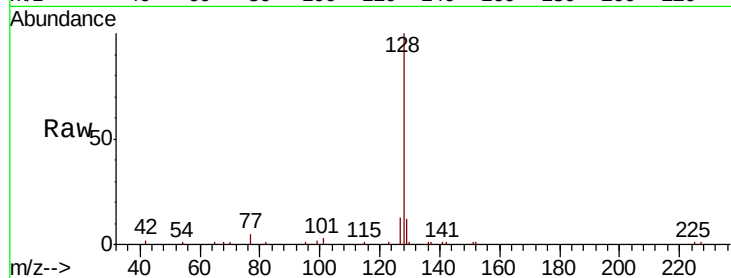
Tot Ion:128 Resp: 12019

Ion Ratio Lower Upper

128 100

129 11.6 10.5 15.7

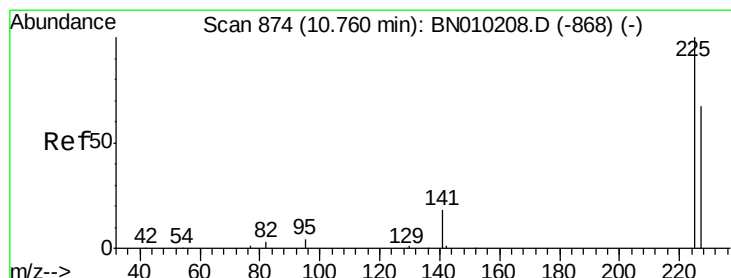
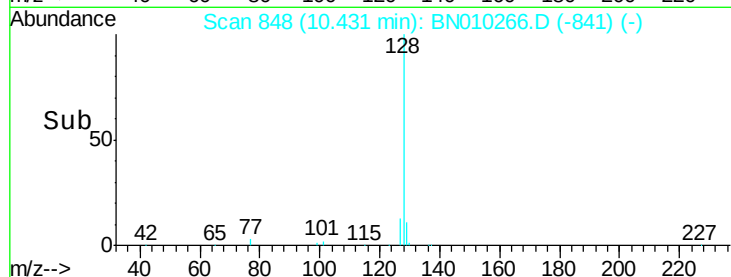
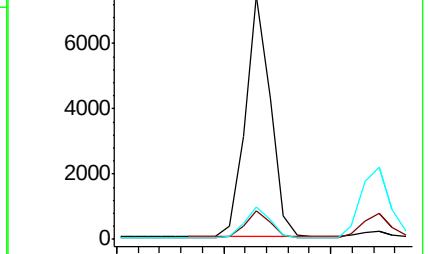
127 13.2 12.1 18.1



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: 0.424 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.03 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

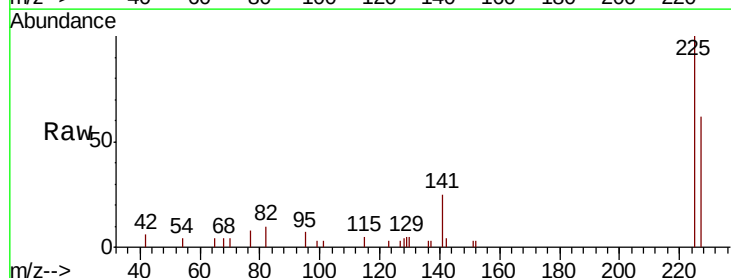
Tgt Ion:225 Resp: 2974

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

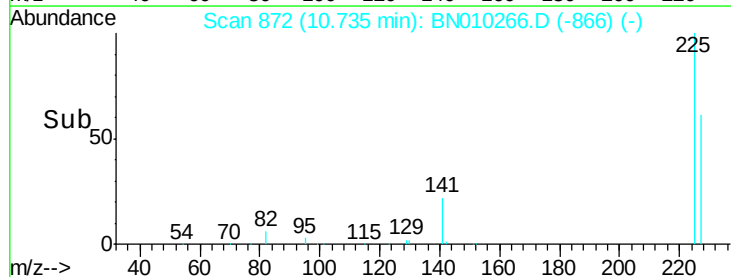
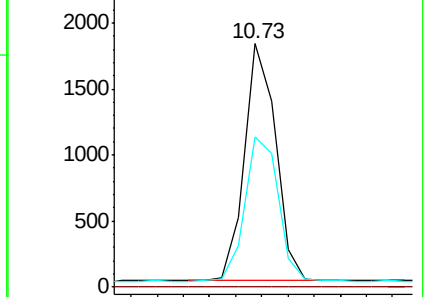
227 64.4 53.4 80.2

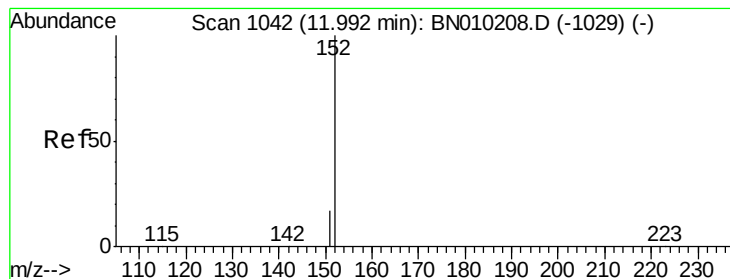


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 11.98 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

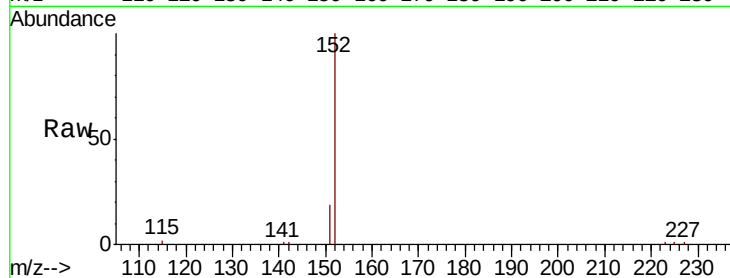
PB127606BS

Tot Ion:152 Resp: 7719

Ion Ratio Lower Upper

152 100

151 19.3 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.98

5000

4000

3000

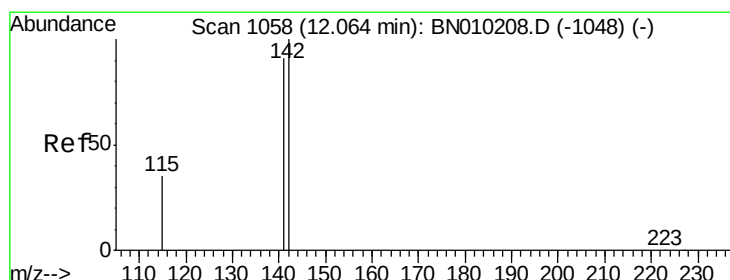
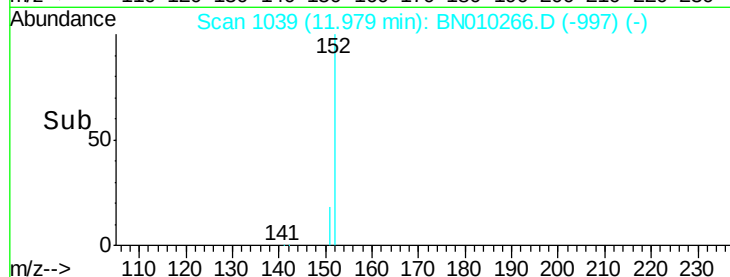
2000

1000

0

Time-->

11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.384 ng

RT: 12.05 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

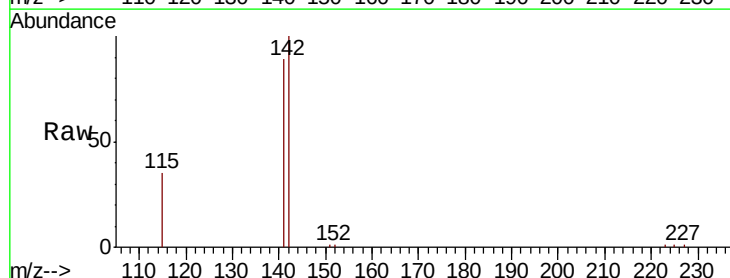
Tgt Ion:142 Resp: 8401

Ion Ratio Lower Upper

142 100

141 89.5 73.7 110.5

115 35.4 31.2 46.8



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

6000

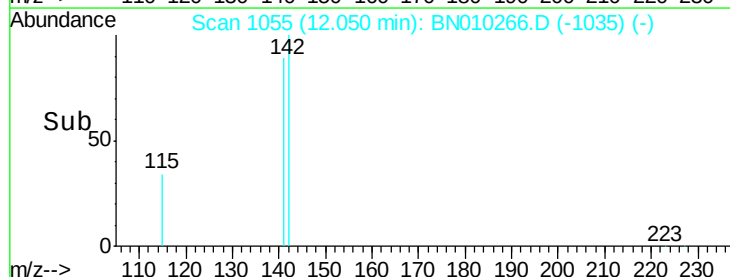
4000

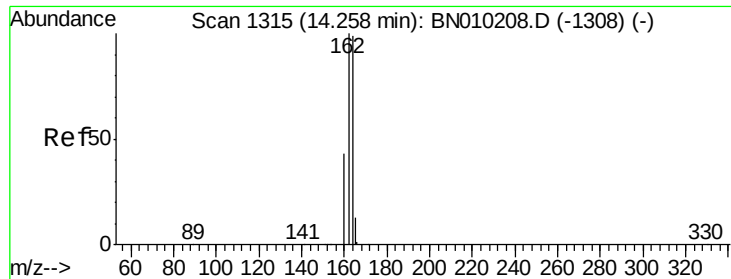
2000

0

Time-->

12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

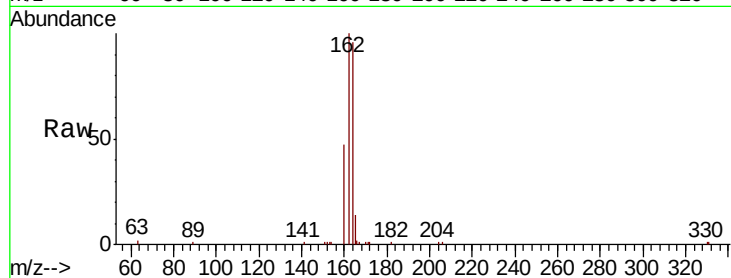
Tot Ion:164 Resp: 7438

Ion Ratio Lower Upper

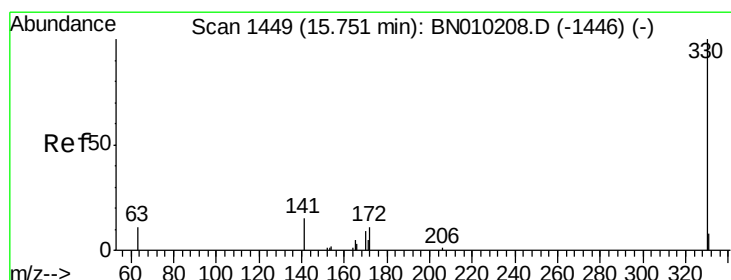
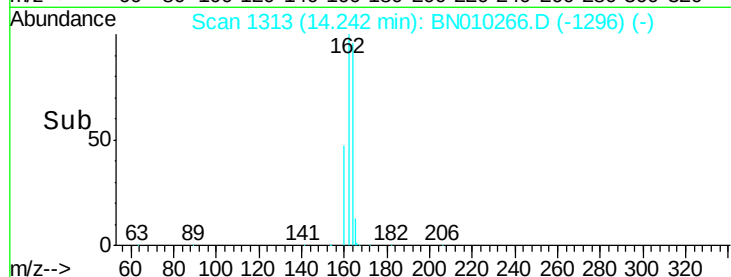
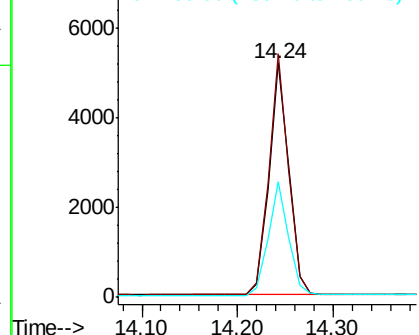
164 100

162 104.0 81.0 121.4

160 49.1 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: 0.367 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

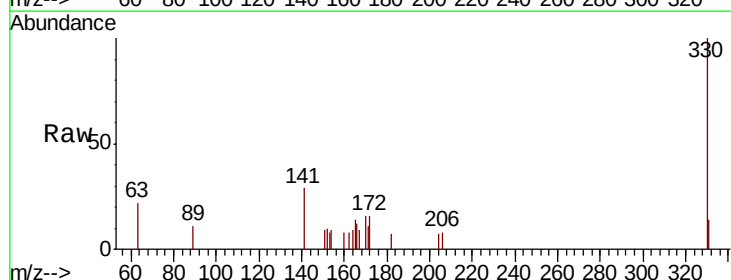
Tgt Ion:330 Resp: 978

Ion Ratio Lower Upper

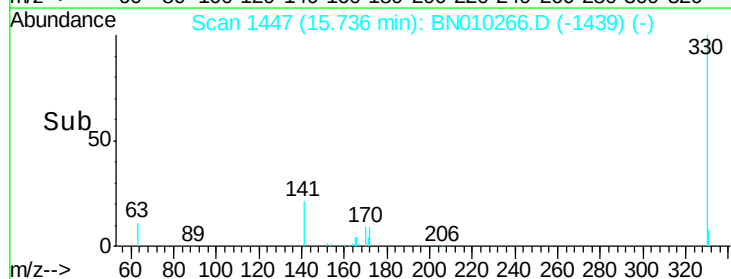
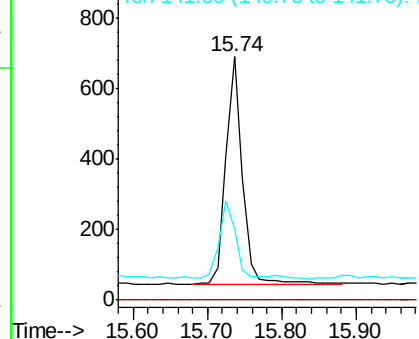
330 100

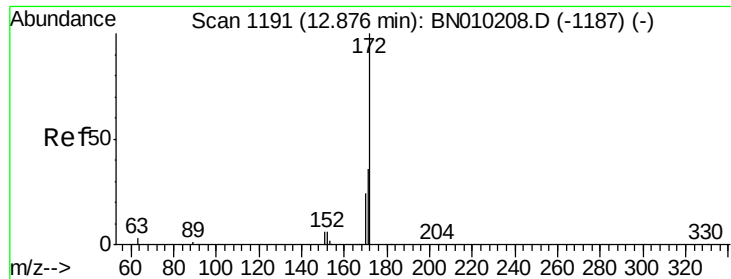
332 0.0 0.0 0.0

141 32.8 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

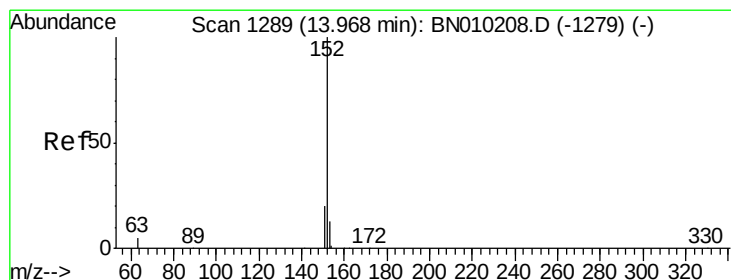
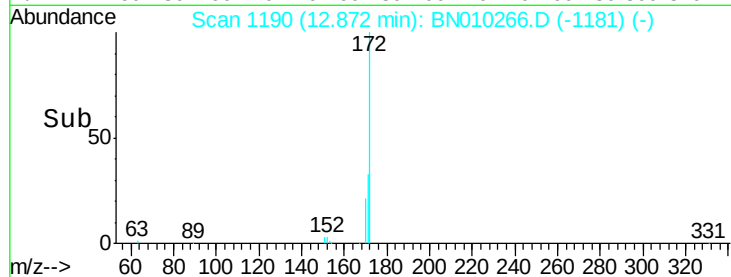
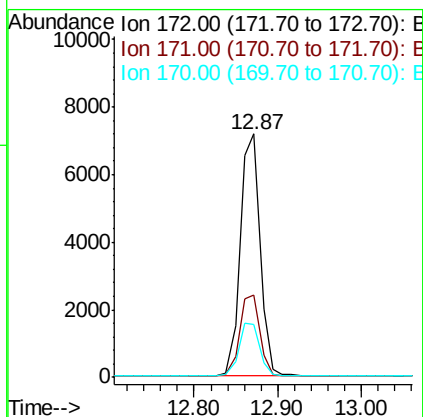
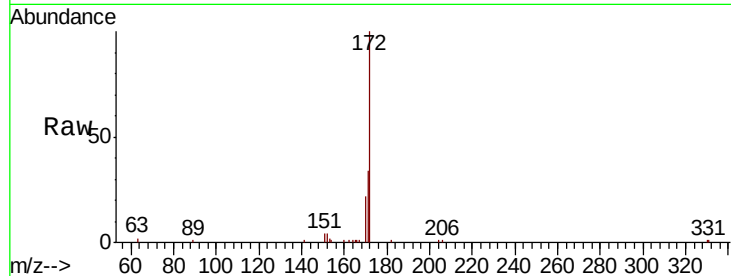




#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

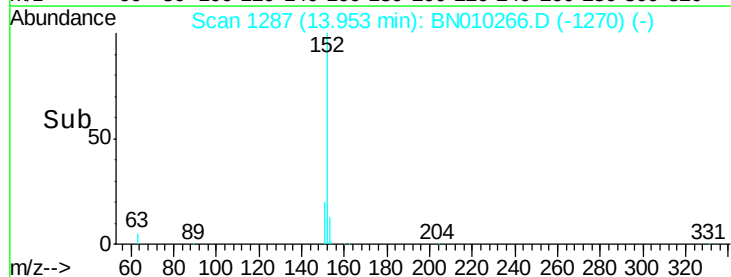
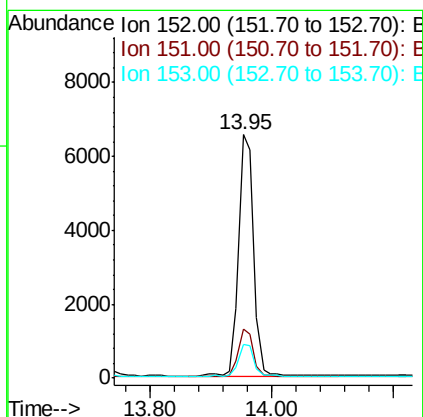
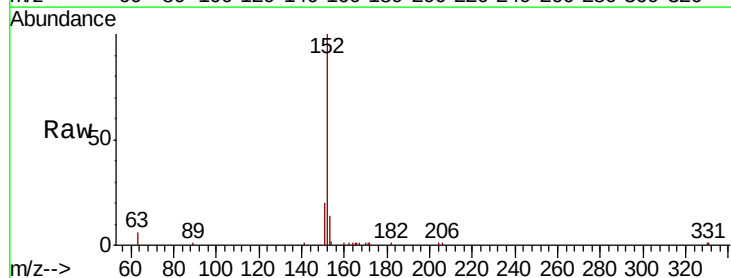
Instrument :
BNA_N
ClientSampleId :
PB127606BS

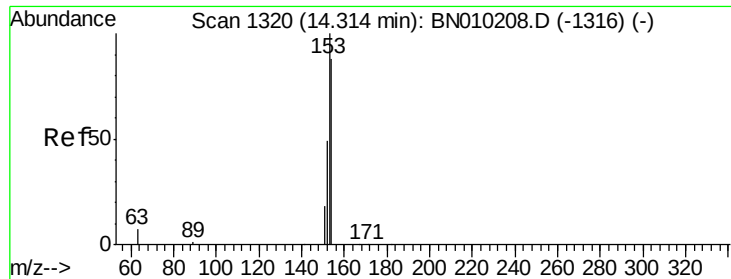
Tot Ion:172 Resp: 11750
Ion Ratio Lower Upper
172 100
171 33.7 29.4 44.2
170 21.5 20.2 30.4



#16
Acenaphthylene
Concen: 0.330 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:152 Resp: 11315
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 13.2 10.6 16.0





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

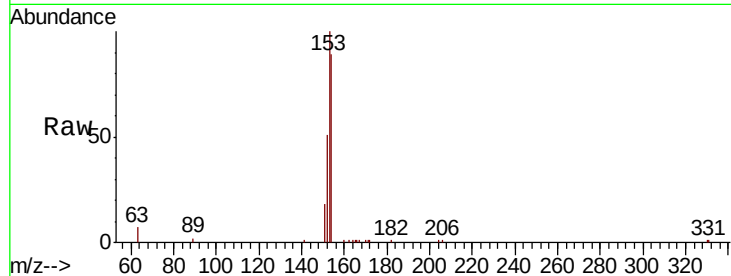
Tot Ion:154 Resp: 8294

Ion Ratio Lower Upper

154 100

153 110.8 90.3 135.5

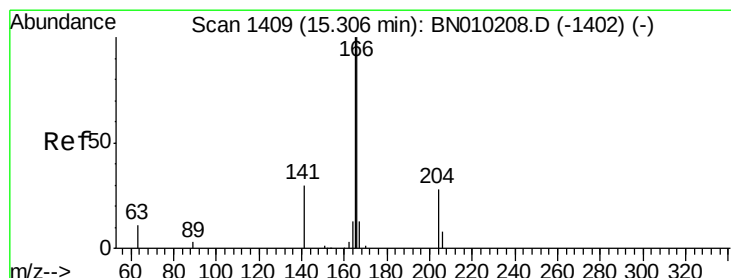
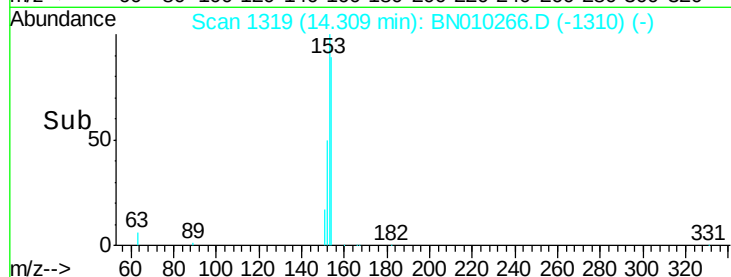
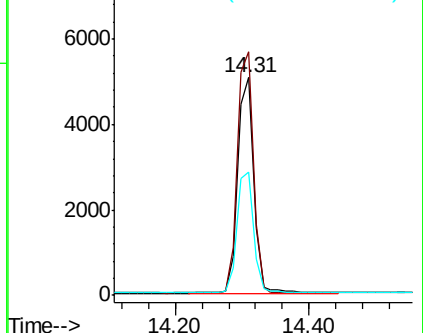
152 57.8 42.9 64.3



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: 0.388 ng

RT: 15.29 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

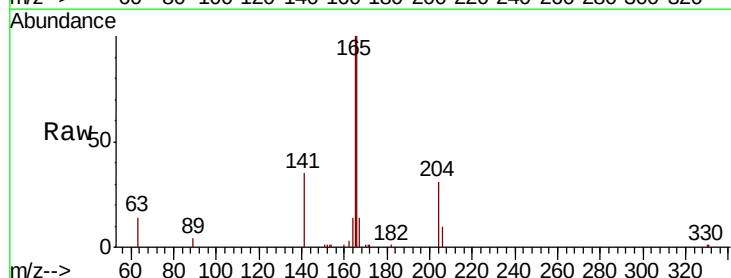
Tgt Ion:166 Resp: 11004

Ion Ratio Lower Upper

166 100

165 97.2 78.3 117.5

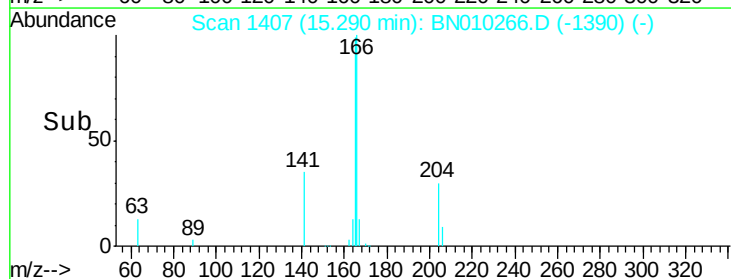
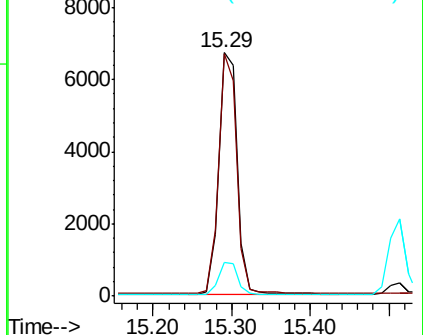
167 13.6 10.7 16.1

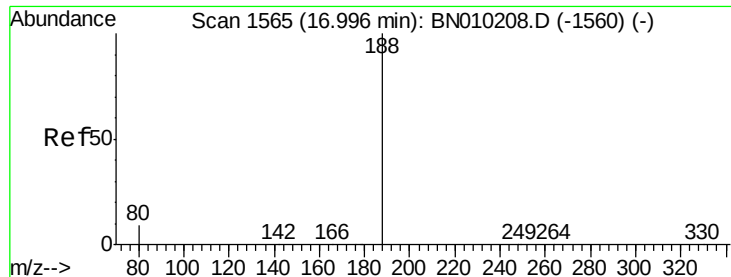


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.98 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

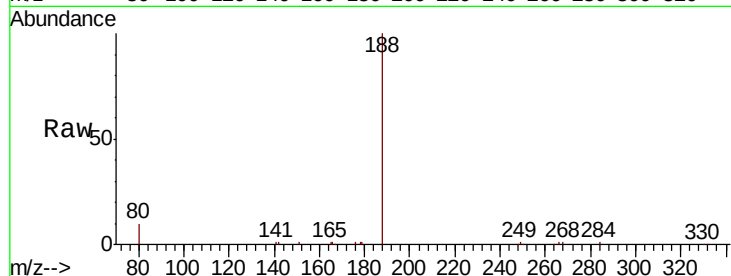
Tot Ion:188 Resp: 17945

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

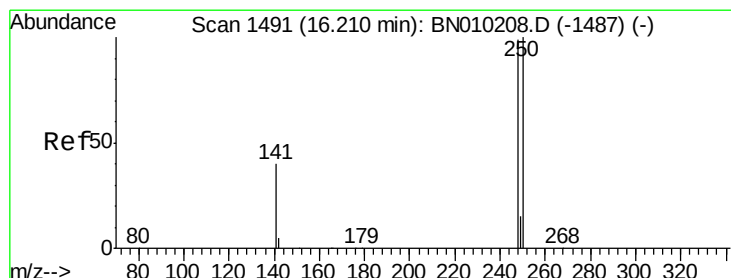
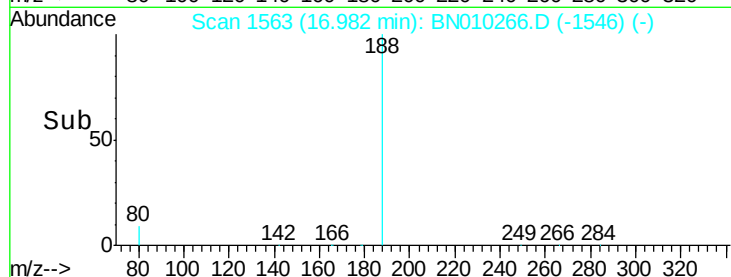
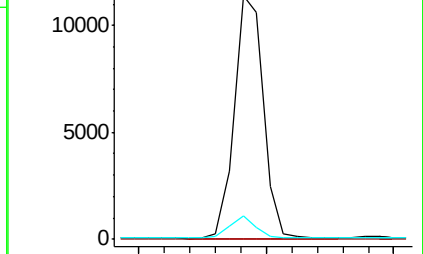
80 9.9 8.6 12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.411 ng

RT: 16.20 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

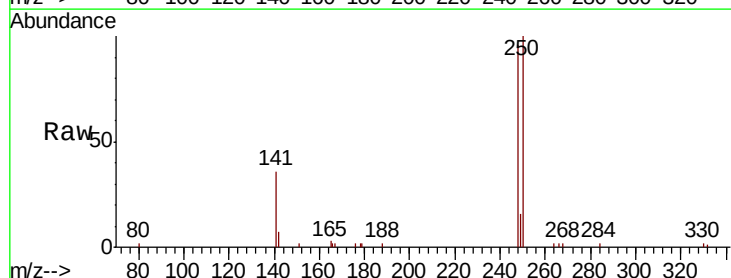
Tgt Ion:248 Resp: 4230

Ion Ratio Lower Upper

248 100

250 104.2 81.2 121.8

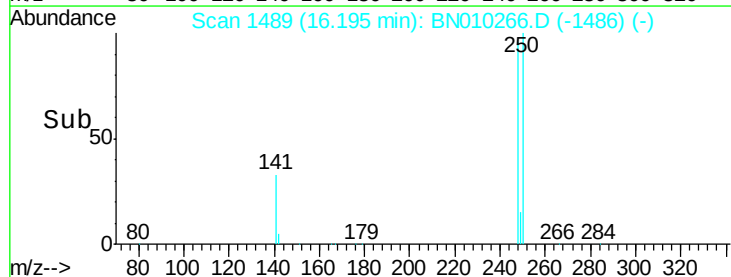
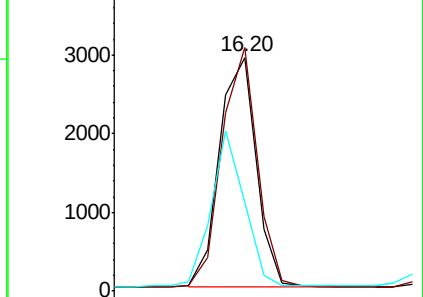
141 37.8 36.7 55.1

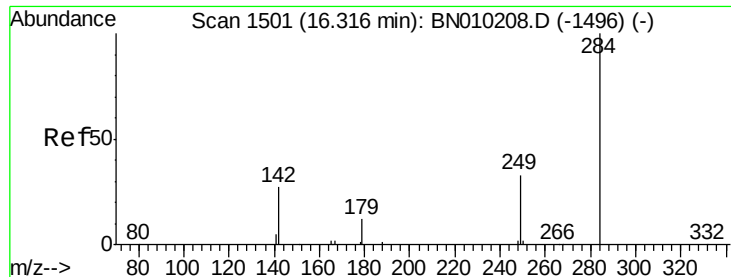


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.455 ng

RT: 16.30 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

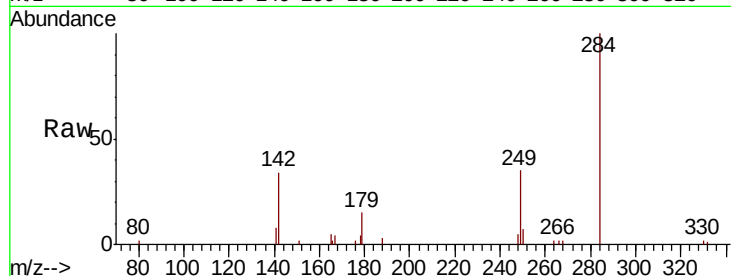
Tot Ion:284 Resp: 4583

Ion Ratio Lower Upper

284 100

142 33.3 27.8 41.6

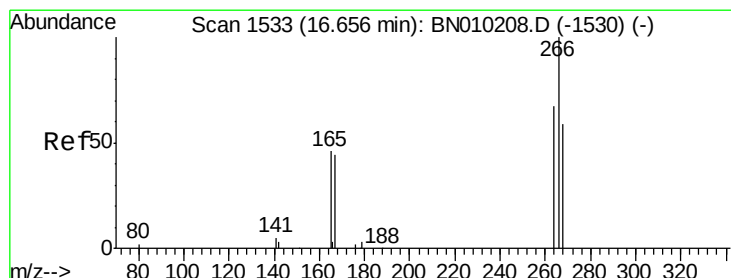
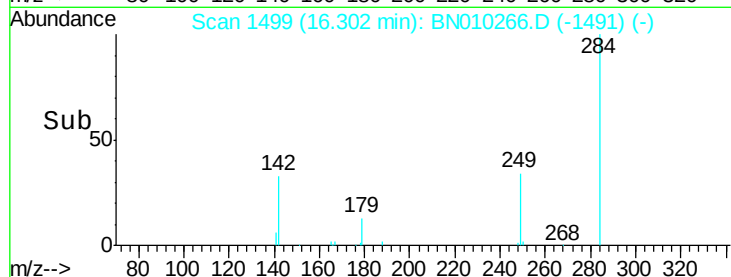
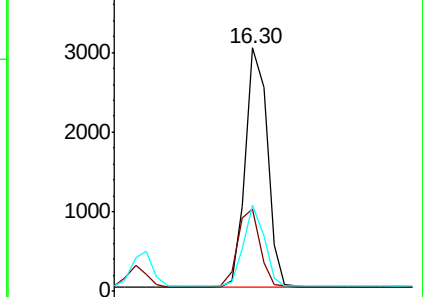
249 32.2 26.6 39.8



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: 0.384 ng

RT: 16.64 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

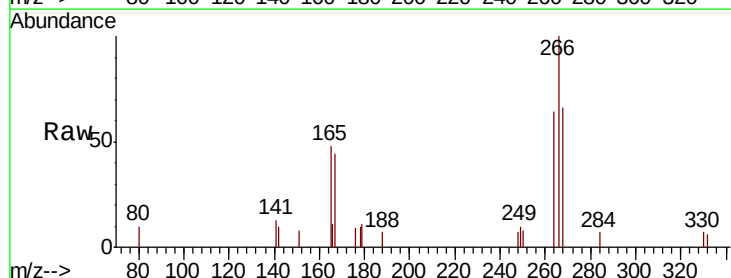
Tgt Ion:266 Resp: 1194

Ion Ratio Lower Upper

266 100

264 64.4 56.2 84.2

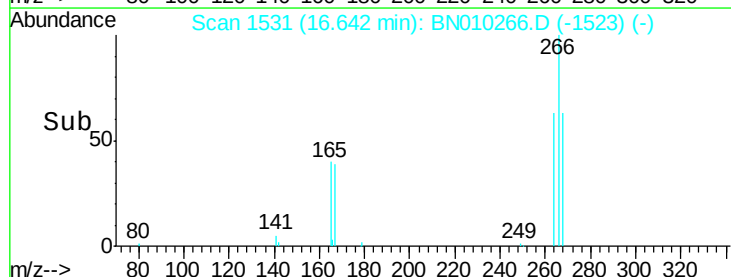
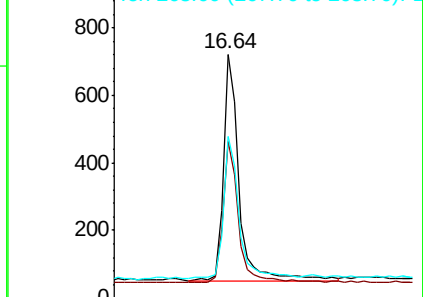
268 66.4 61.4 92.2

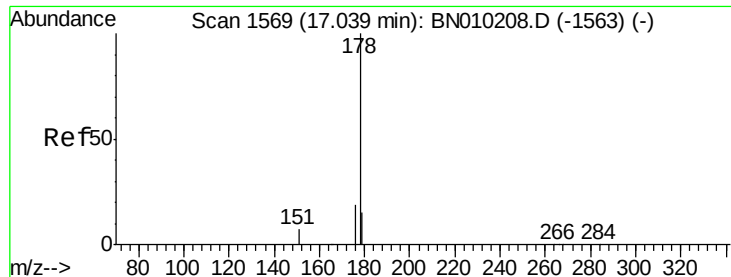


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

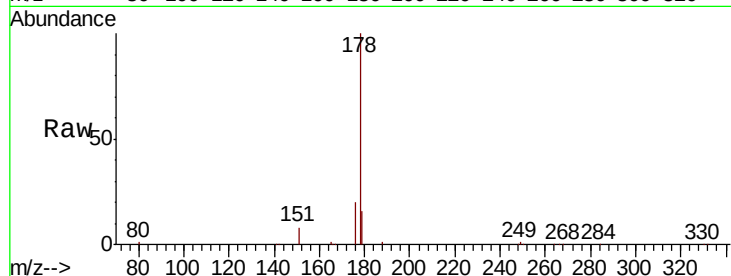
Tot Ion:178 Resp: 19374

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.4

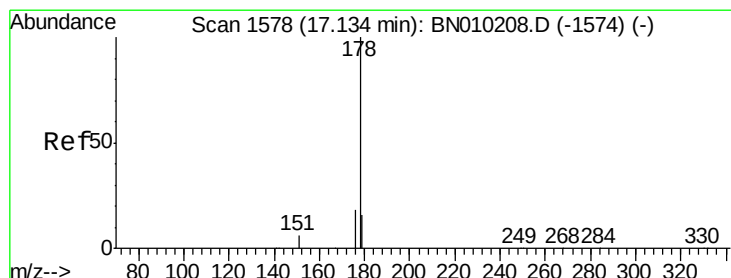
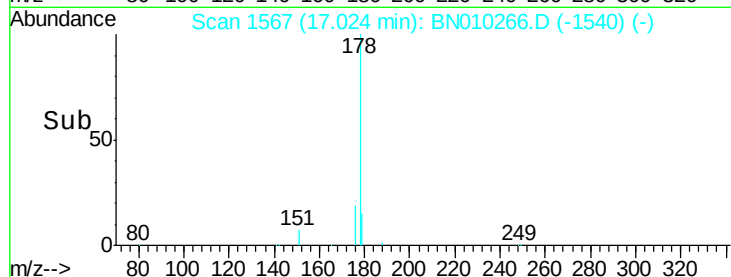
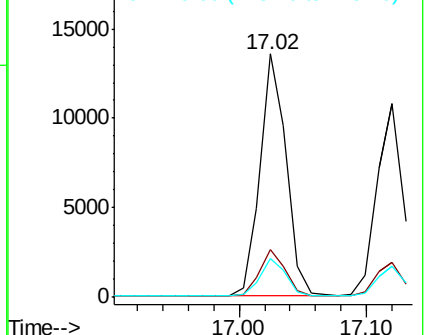
179 15.4 12.5 18.7



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: 0.337 ng

RT: 17.12 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

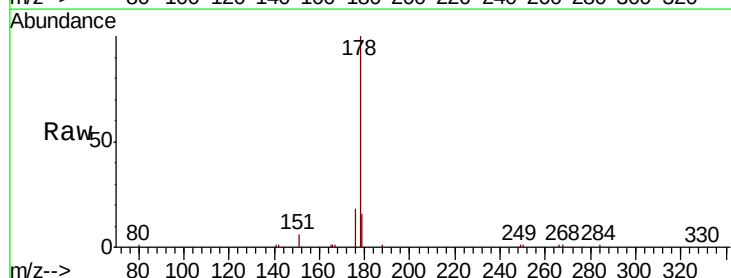
Tgt Ion:178 Resp: 15984

Ion Ratio Lower Upper

178 100

176 18.0 14.6 22.0

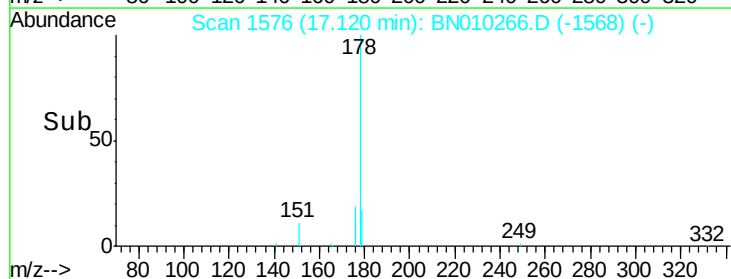
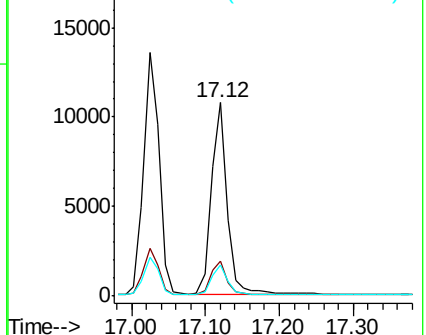
179 15.7 12.5 18.7

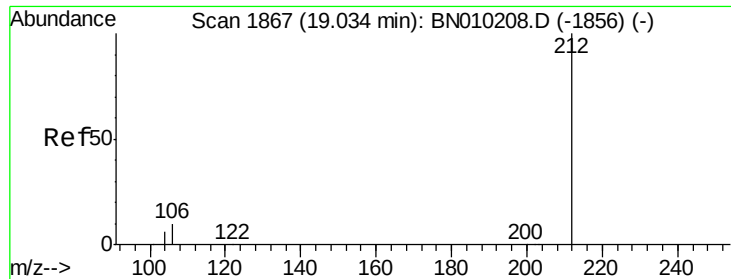


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

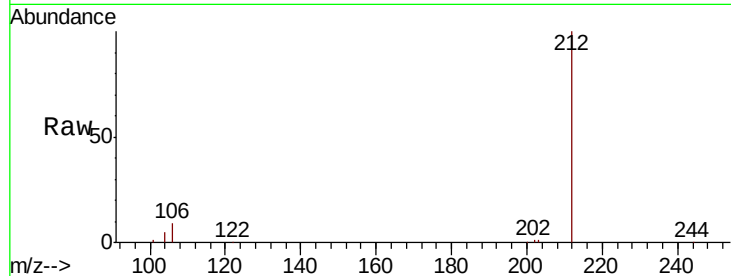
Tot Ion:212 Resp: 20641

Ion Ratio Lower Upper

212 100

106 9.4 8.1 12.1

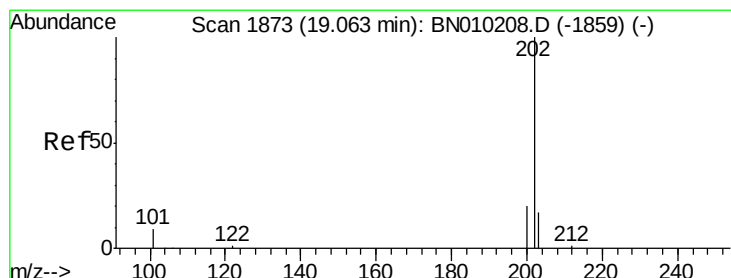
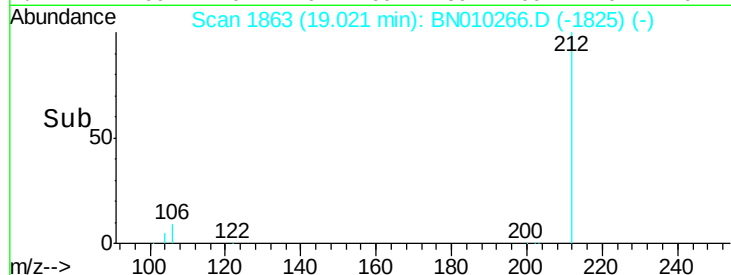
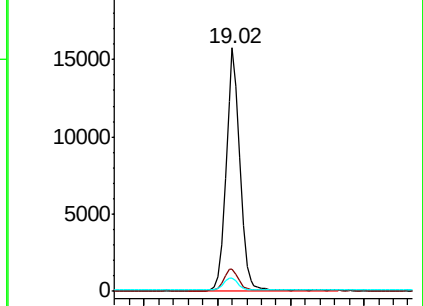
104 5.2 4.7 7.1



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: 0.385 ng

RT: 19.05 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

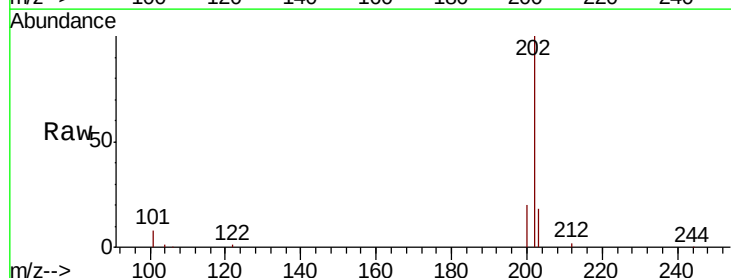
Tgt Ion:202 Resp: 23216

Ion Ratio Lower Upper

202 100

101 8.1 7.0 10.6

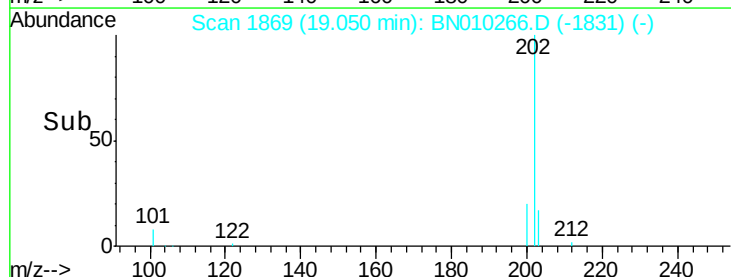
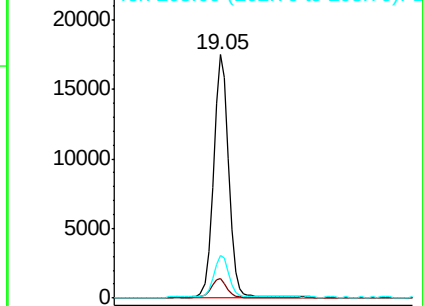
203 17.3 13.9 20.9

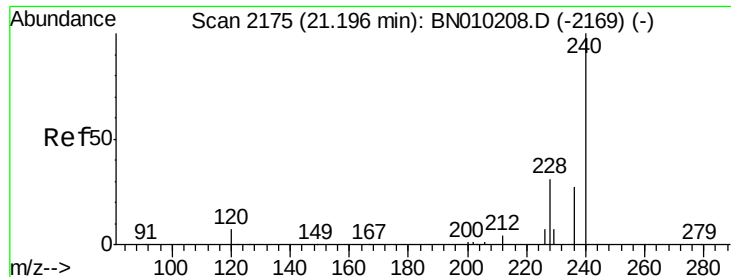


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2173

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

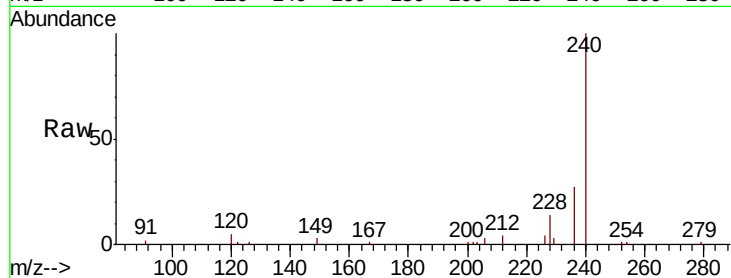
Tot Ion:240 Resp: 18223

Ion Ratio Lower Upper

240 100

120 5.4 7.7 11.5#

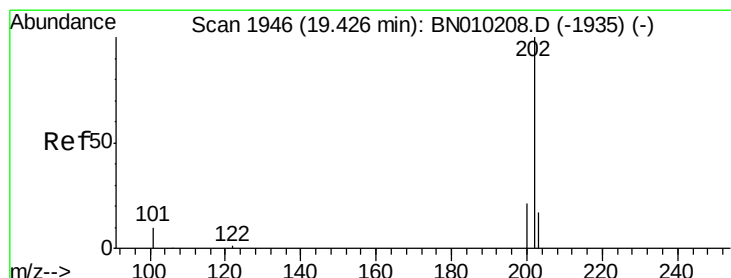
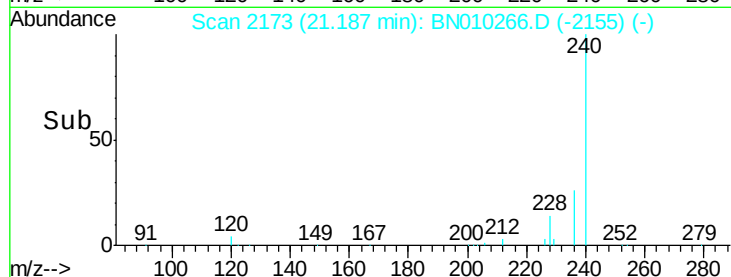
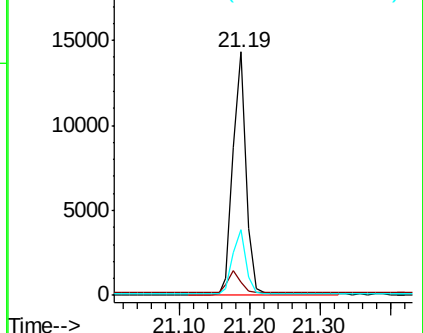
236 26.9 21.8 32.6



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: 0.381 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

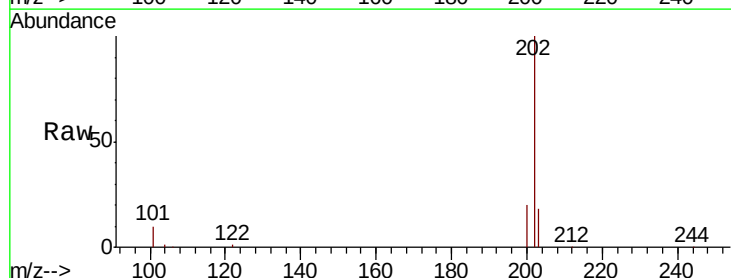
Tgt Ion:202 Resp: 23197

Ion Ratio Lower Upper

202 100

200 20.1 16.6 24.8

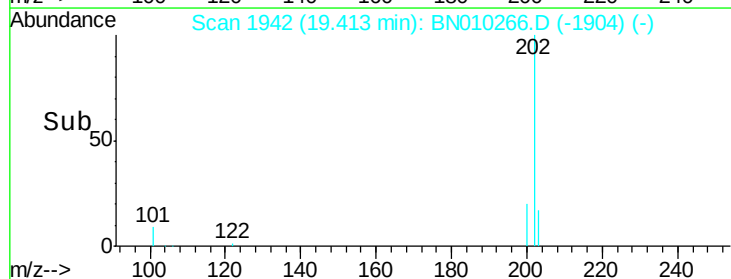
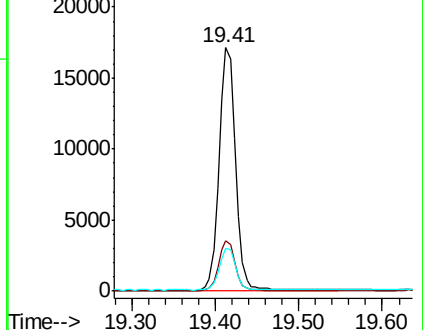
203 17.4 14.1 21.1

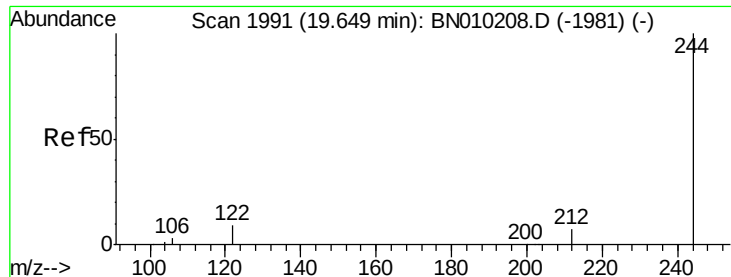


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.391 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

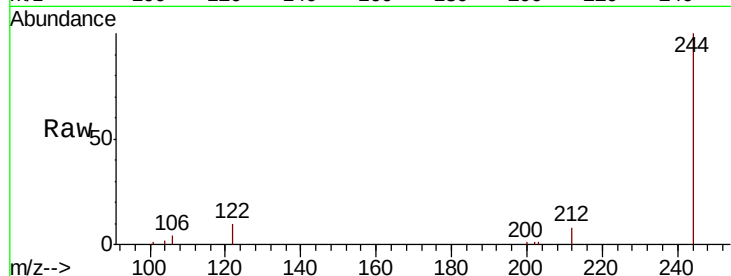
Tot Ion:244 Resp: 16246

Ion Ratio Lower Upper

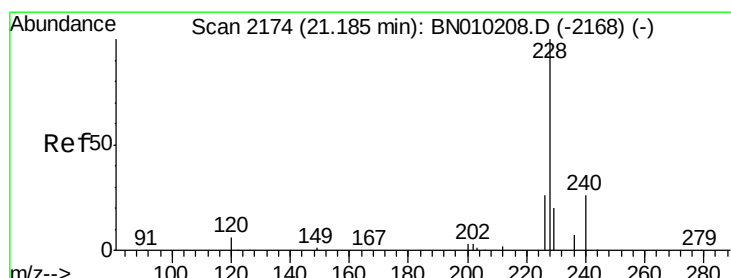
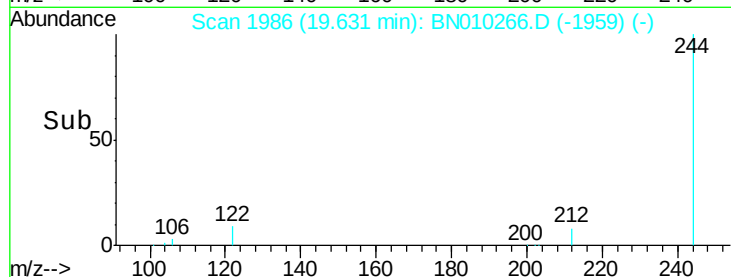
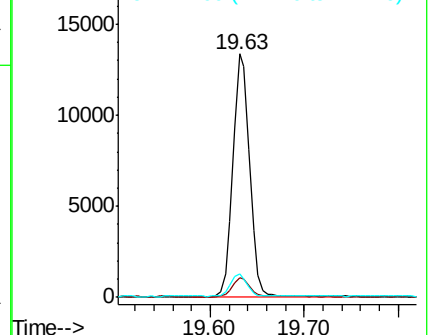
244 100

212 8.1 6.4 9.6

122 9.7 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: 0.352 ng

RT: 21.17 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

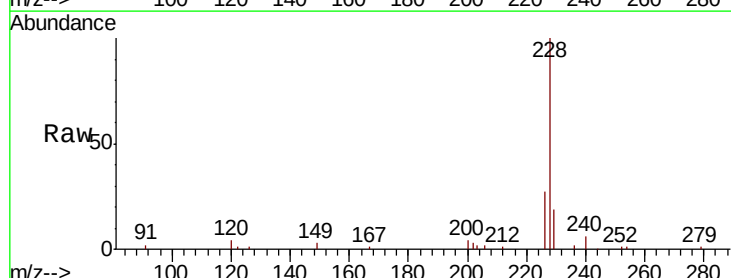
Tgt Ion:228 Resp: 21825

Ion Ratio Lower Upper

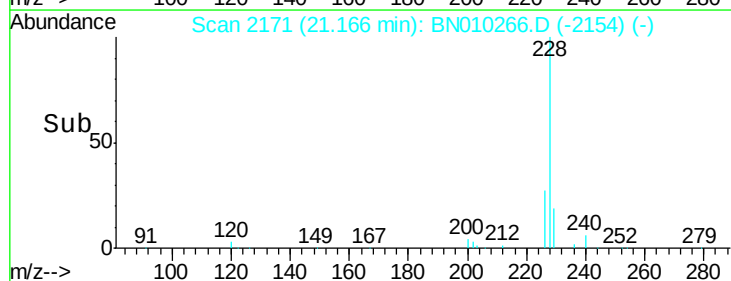
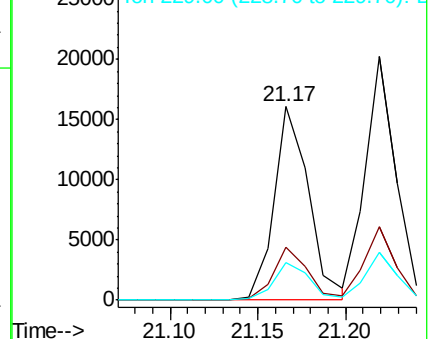
228 100

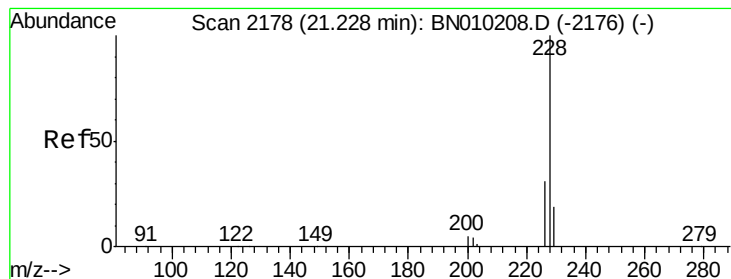
226 27.2 21.1 31.7

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: 0.403 ng

RT: 21.22 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

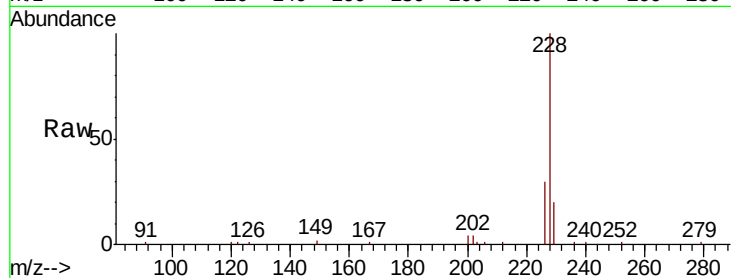
Tot Ion:228 Resp: 24598

Ion Ratio Lower Upper

228 100

226 29.9 25.0 37.4

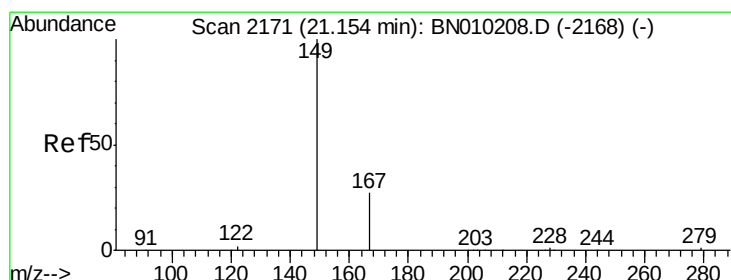
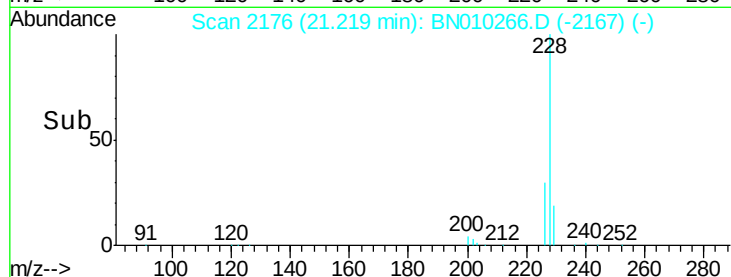
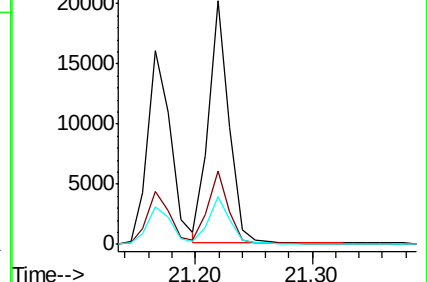
229 19.6 15.7 23.5



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: 0.210 ng

RT: 21.13 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

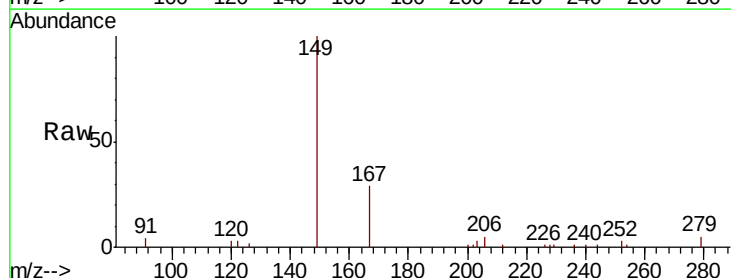
Tgt Ion:149 Resp: 5528

Ion Ratio Lower Upper

149 100

167 28.8 21.0 31.4

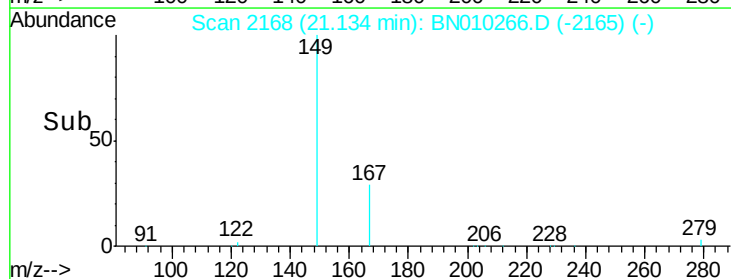
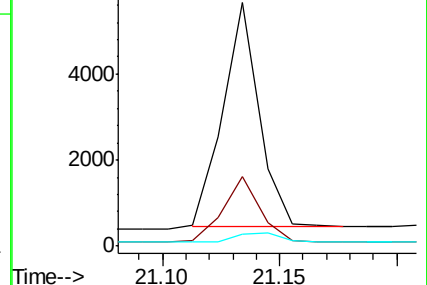
279 5.1 3.1 4.7#

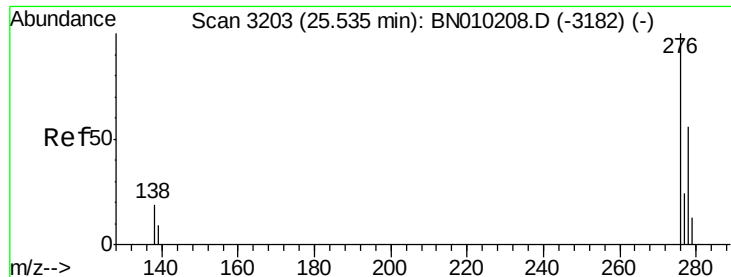


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.391 ng

RT: 25.50 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

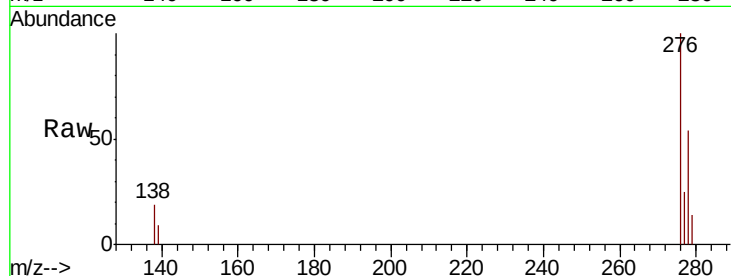
Tot Ion:276 Resp: 28303

Ion Ratio Lower Upper

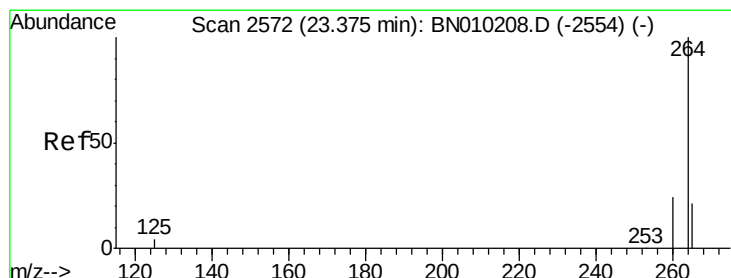
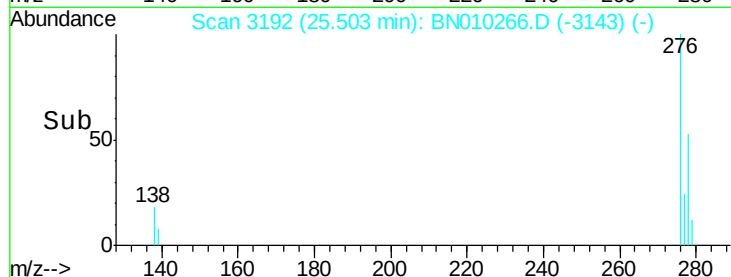
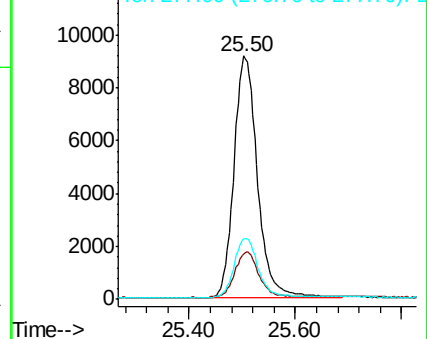
276 100

138 18.9 15.8 23.6

277 24.7 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: 23.36 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

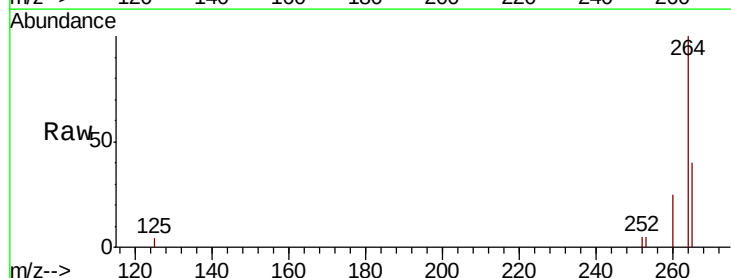
Tgt Ion:264 Resp: 19509

Ion Ratio Lower Upper

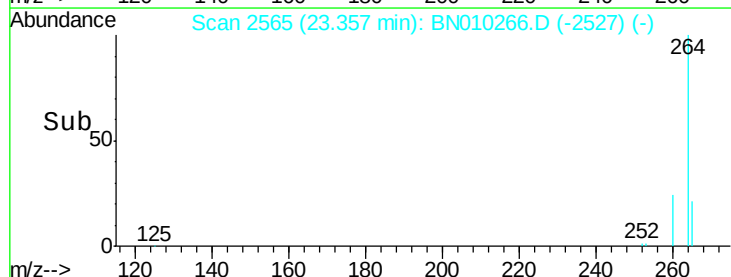
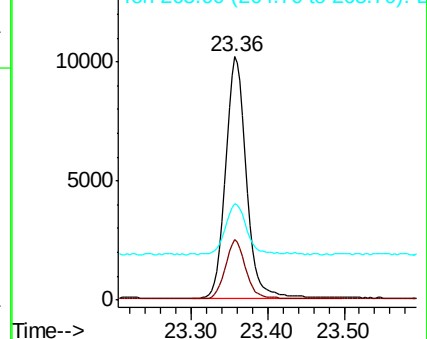
264 100

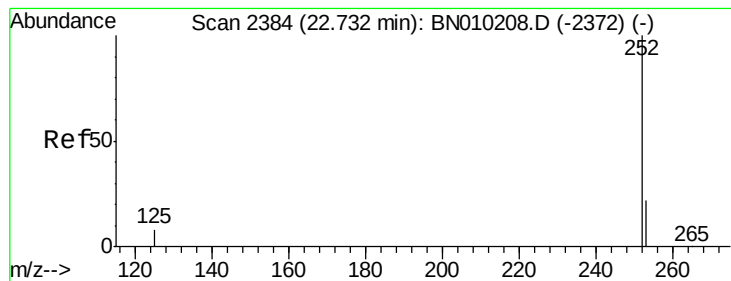
260 24.7 19.7 29.5

265 39.6 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: 0.396 ng

RT: 22.71 min Scan# 2377

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

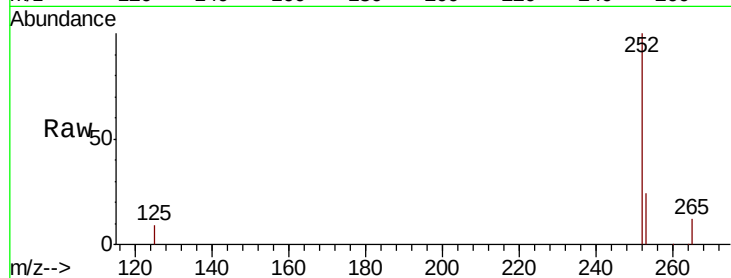
Tot Ion:252 Resp: 23733

Ion Ratio Lower Upper

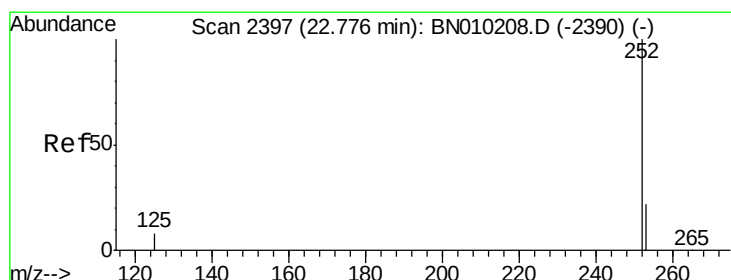
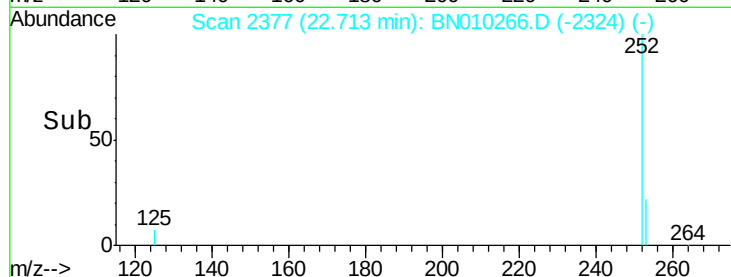
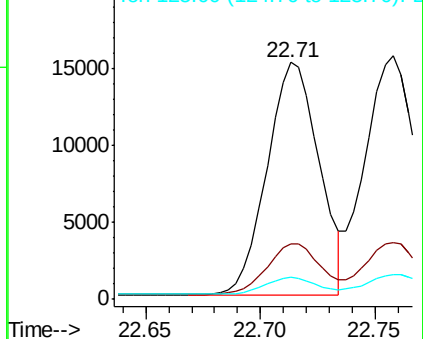
252 100

253 23.6 18.6 28.0

125 9.3 7.9 11.9



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: 0.427 ng

RT: 22.76 min Scan# 2390

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

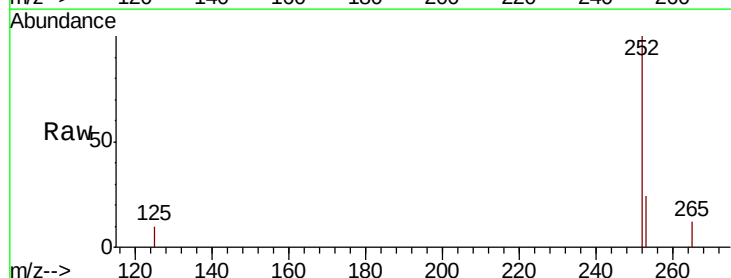
Tgt Ion:252 Resp: 25866

Ion Ratio Lower Upper

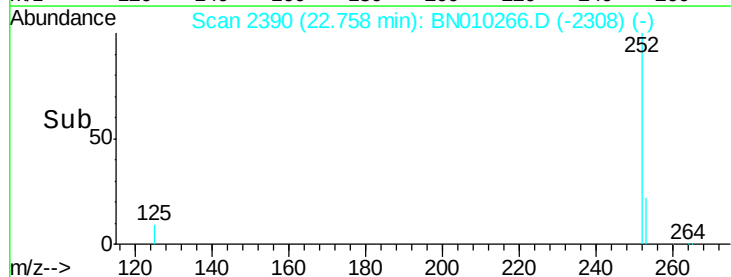
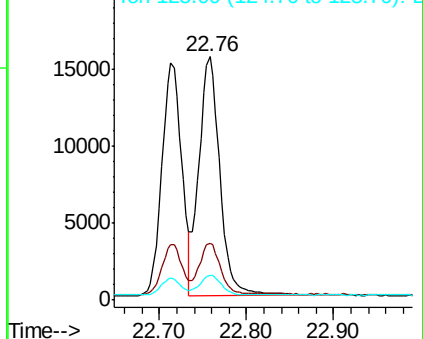
252 100

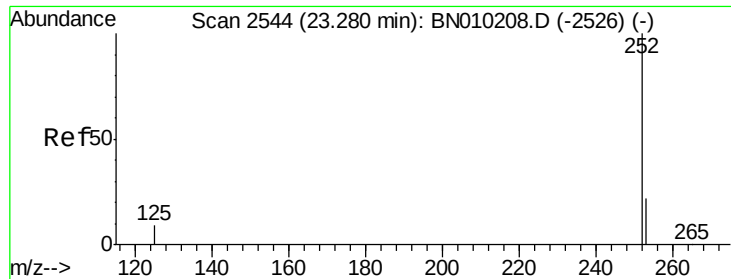
253 23.5 18.8 28.2

125 10.4 8.2 12.4



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: 0.358 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

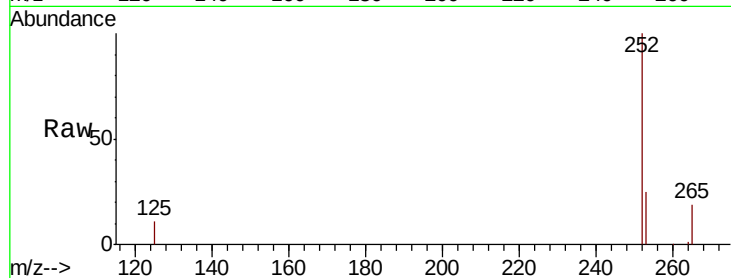
Tot Ion:252 Resp: 20274

Ion Ratio Lower Upper

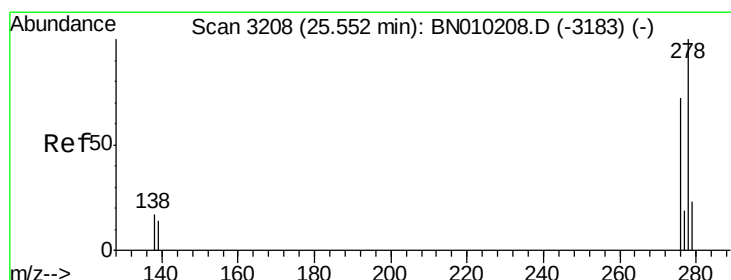
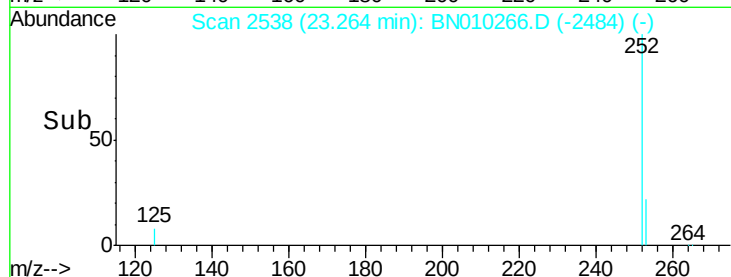
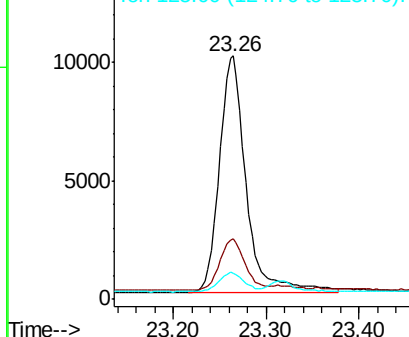
252 100

253 24.8 19.1 28.7

125 10.8 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: 0.411 ng

RT: 25.52 min Scan# 3197

Delta R.T. -0.03 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

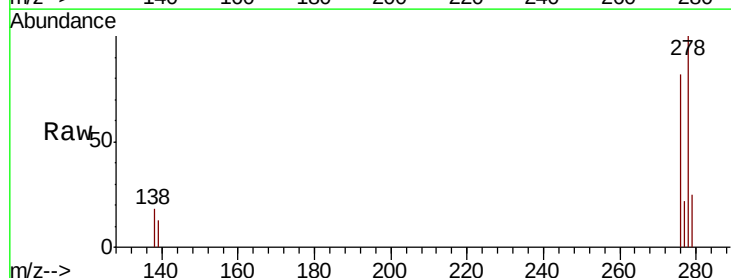
Tgt Ion:278 Resp: 23315

Ion Ratio Lower Upper

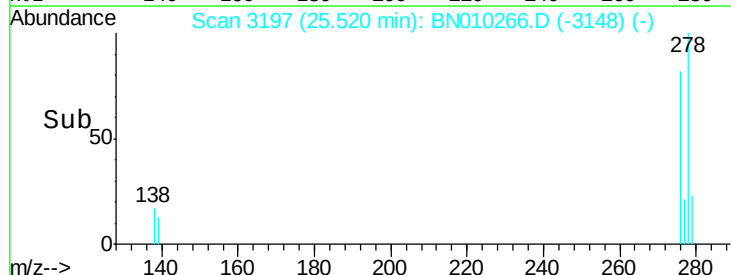
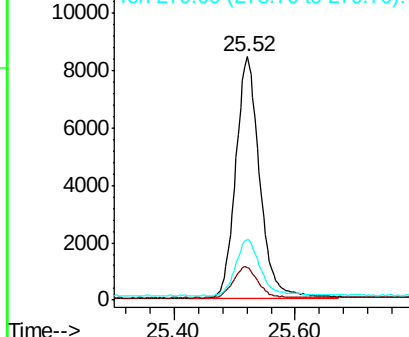
278 100

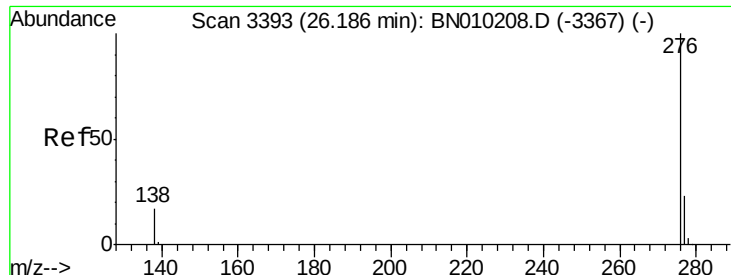
139 13.5 12.4 18.6

279 25.0 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: 0.400 ng

RT: 26.15 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BN010266.D

Acq: 18 Mar 2020 16:44

Instrument :

BNA_N

ClientSampleId :

PB127606BS

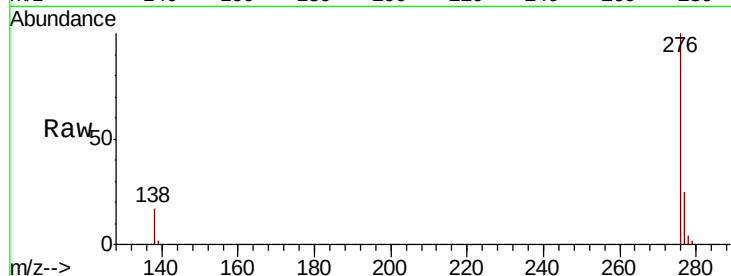
Tot Ion: 276 Resp: 22666

Ion Ratio Lower Upper

276 100

277 25.1 19.4 29.2

138 17.3 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

