

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031320\
 Data File : BN010206.D
 Acq On : 13 Mar 2020 18:29
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

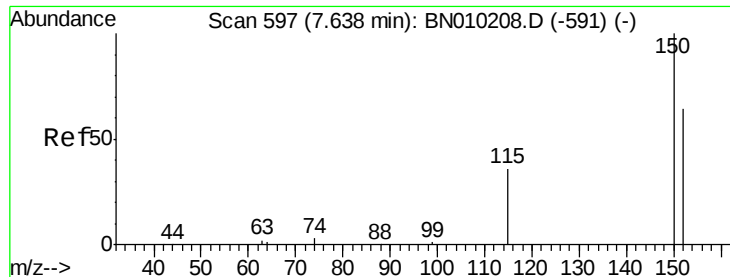
Quant Time: Mar 16 01:53:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 01:51:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	3646	0.40	ng	0.00
7) Naphthalene-d8	10.39	136	12904	0.40	ng	0.00
13) Acenaphthene-d10	14.26	164	8700	0.40	ng	0.00
19) Phenanthrene-d10	17.00	188	21357	0.40	ng	0.00
27) Chrysene-d12	21.20	240	22653	0.40	ng	0.00
34) Perylene-d12	23.38	264	25568	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	957	0.12	ng	0.00
5) Phenol-d6	6.82	99	1132	0.11	ng	0.00
8) Nitrobenzene-d5	8.77	82	704	0.07	ng	0.00
11) 2-Methylnaphthalene-d10	11.99	152	2048	0.08	ng	0.00
14) 2,4,6-Tribromophenol	15.75	330	290	0.09	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	2989	0.09	ng	0.01
25) Fluoranthene-d10	19.03	212	6598	0.09	ng	0.00
29) Terphenyl-d14	19.65	244	5100	0.09	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	342	0.092	ng	# 75
6) bis(2-Chloroethyl)ether	7.07	93	920	0.096	ng	99
9) Naphthalene	10.44	128	3196	0.091	ng	# 83
10) Hexachlorobutadiene	10.76	225	754	0.097	ng	# 96
12) 2-Methylnaphthalene	12.07	142	2259	0.094	ng	# 92
16) Acenaphthylene	13.97	152	3908	0.105	ng	98
17) Acenaphthene	14.31	154	2435	0.093	ng	98
18) Fluorene	15.31	166	3311	0.096	ng	99
20) 4-Bromophenyl-phenylether	16.21	248	1183	0.080	ng	# 91
21) Hexachlorobenzene	16.32	284	1164	0.088	ng	99
23) Phenanthrene	17.04	178	5545	0.087	ng	99
24) Anthracene	17.13	178	5419	0.101	ng	98
26) Fluoranthene	19.07	202	7199	0.095	ng	100
28) Pyrene	19.43	202	7534	0.088	ng	99
30) Benzo(a)anthracene	21.19	228	7648	0.102	ng	99
31) Chrysene	21.24	228	7535	0.087	ng	98
32) Bis(2-ethylhexyl)phthalate	21.16	149	3248	0.089	ng	# 93
33) Indeno(1,2,3-cd)pyrene	25.54	276	8809	0.097	ng	97
35) Benzo(b)fluoranthene	22.74	252	7546	0.081	ng	# 86
36) Benzo(k)fluoranthene	22.78	252	7791	0.077	ng	# 88
37) Benzo(a)pyrene	23.29	252	7294	0.086	ng	# 85
38) Dibenzo(a,h)anthracene	25.56	278	7227	0.086	ng	# 89
39) Benzo(g,h,i)perylene	26.19	276	7227	0.081	ng	# 89

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

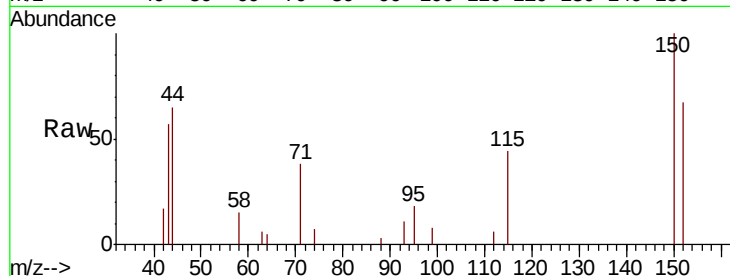


#1

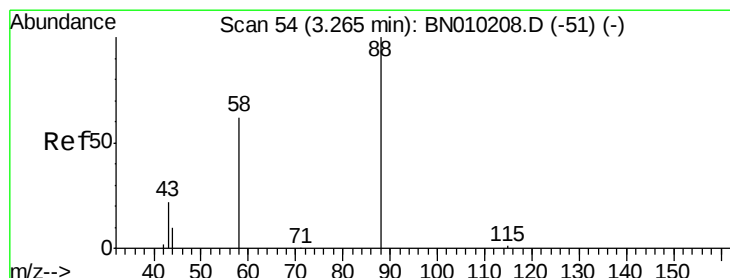
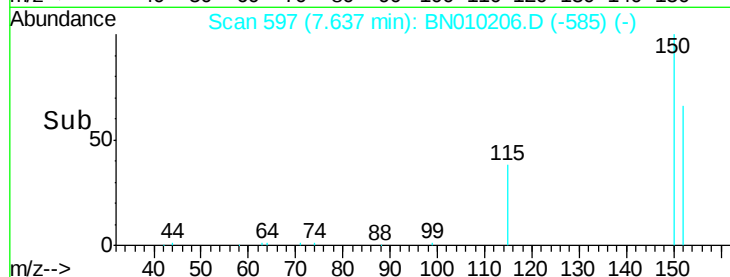
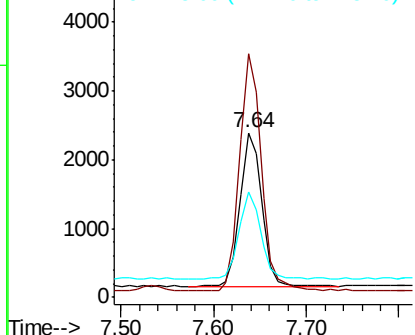
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010206.D
Acq: 13 Mar 2020 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 3646
Ion Ratio Lower Upper
152 100
150 148.2 119.5 179.3
115 64.5 50.9 76.3



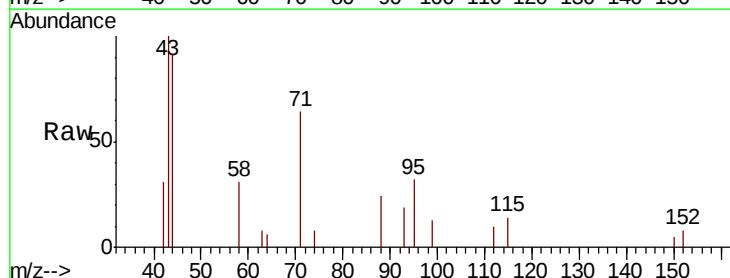
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



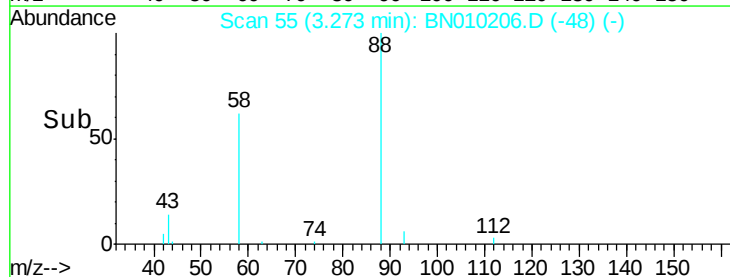
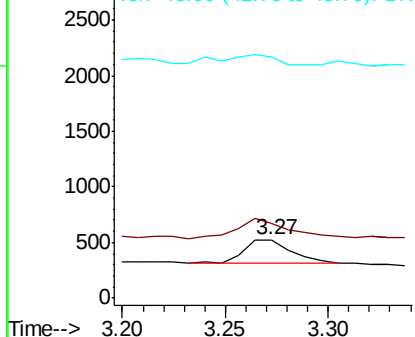
#2

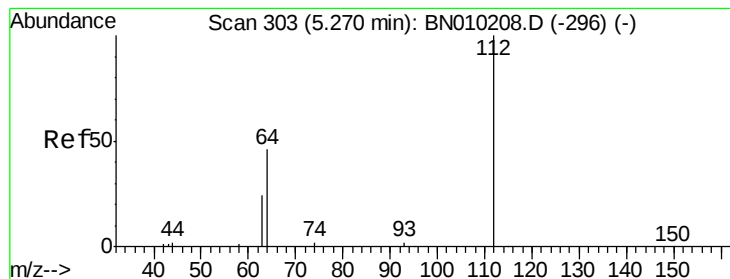
1,4-Dioxane
Concen: 0.092 ng
RT: 3.27 min Scan# 55
Delta R.T. 0.01 min
Lab File: BN010206.D
Acq: 13 Mar 2020 18:29

Tgt Ion: 88 Resp: 342
Ion Ratio Lower Upper
88 100
58 87.7 97.8 146.8#
43 47.4 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





#4

2-Fluorophenol

Concen: 0.118 ng

RT: 5.27 min Scan# 303

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

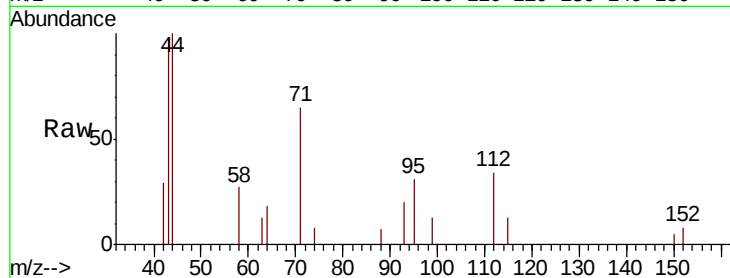
Tot Ion:112 Resp: 957

Ion Ratio Lower Upper

112 100

64 50.3 42.6 63.8

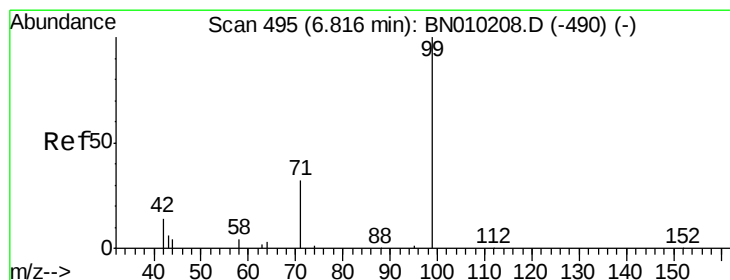
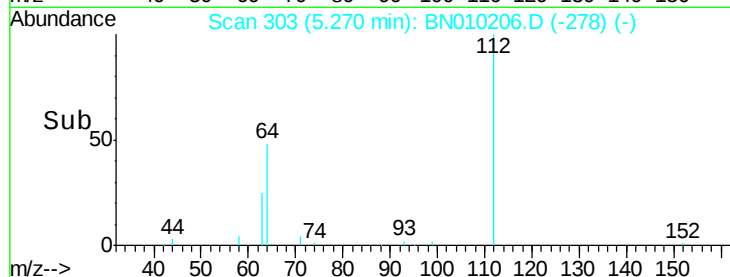
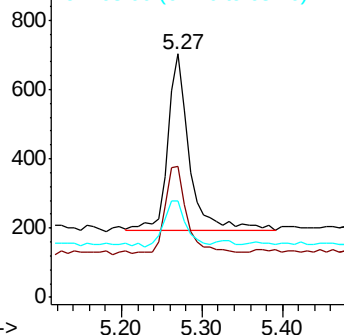
63 26.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.115 ng

RT: 6.82 min Scan# 495

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

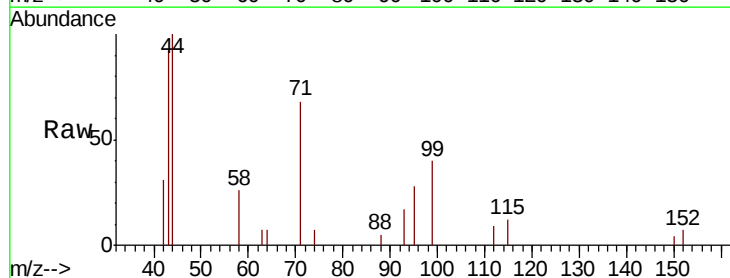
Tgt Ion: 99 Resp: 1132

Ion Ratio Lower Upper

99 100

42 29.8 12.0 18.0#

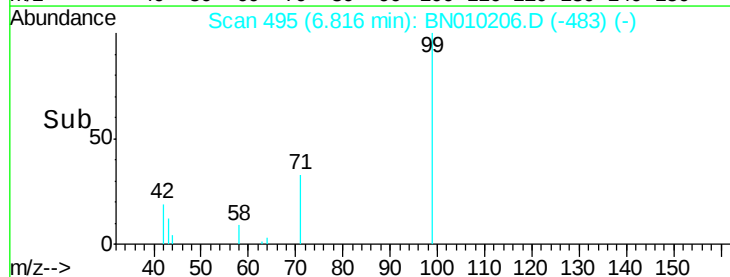
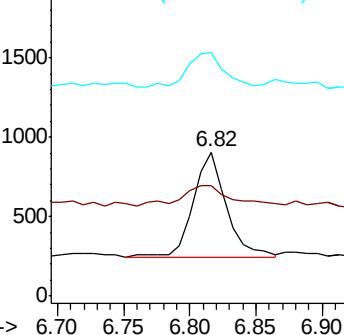
71 36.3 22.6 33.8#

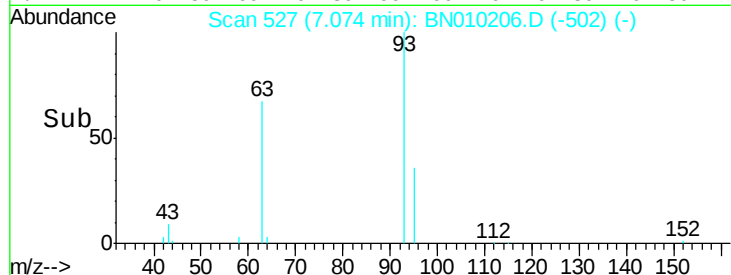
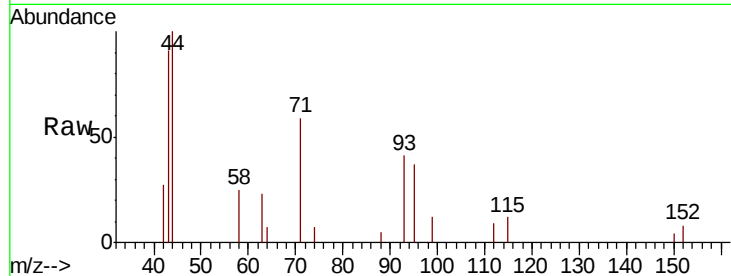
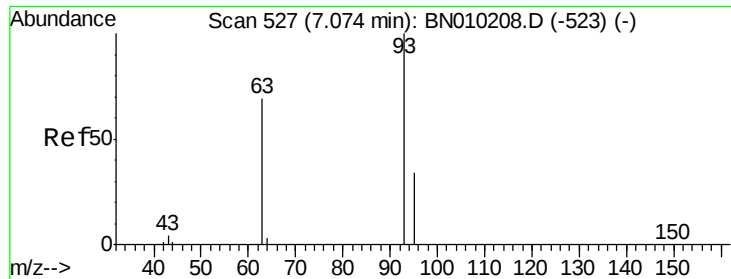


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.096 ng

RT: 7.07 min Scan# 527

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

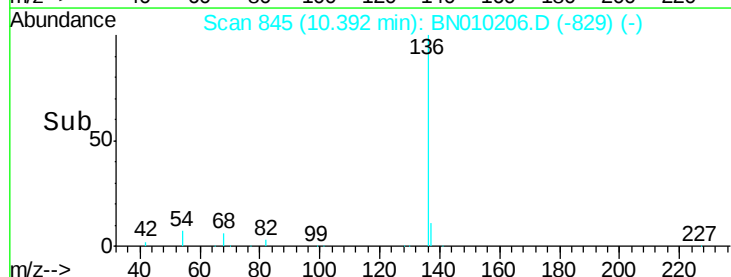
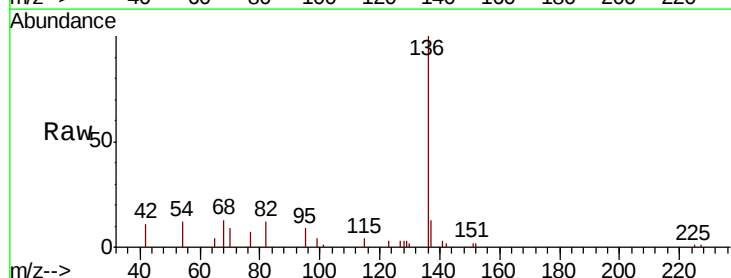
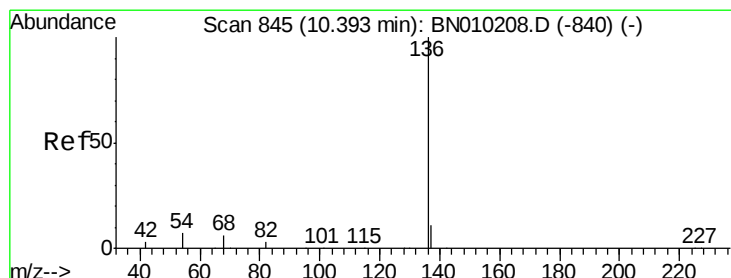
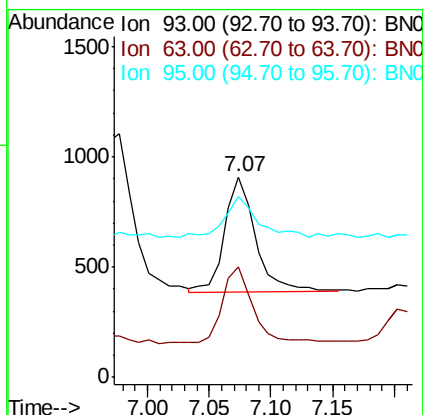
Tot Ion: 93 Resp: 920

Ion Ratio Lower Upper

93 100

63 66.3 53.4 80.0

95 36.2 28.6 42.8



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Tgt Ion: 136 Resp: 12904

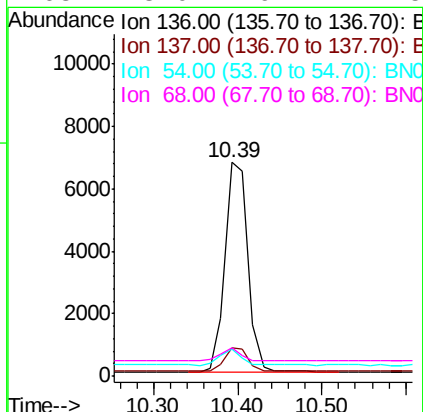
Ion Ratio Lower Upper

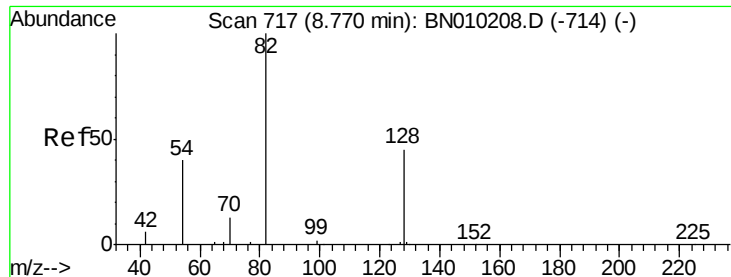
136 100

137 13.4 10.6 15.8

54 12.5 9.5 14.3

68 13.0 9.7 14.5





#8

Nitrobenzene-d5

Concen: 0.066 ng

RT: 8.77 min Scan# 717

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

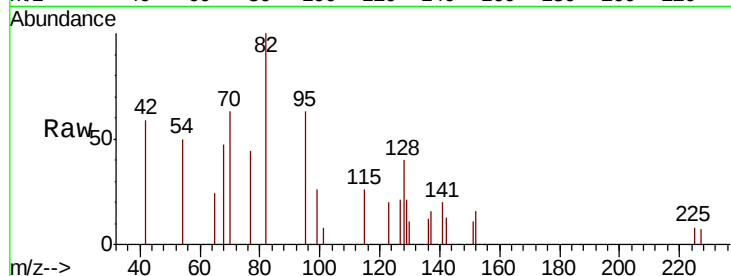
Tot Ion: 82 Resp: 704

Ion Ratio Lower Upper

82 100

128 40.4 35.0 52.6

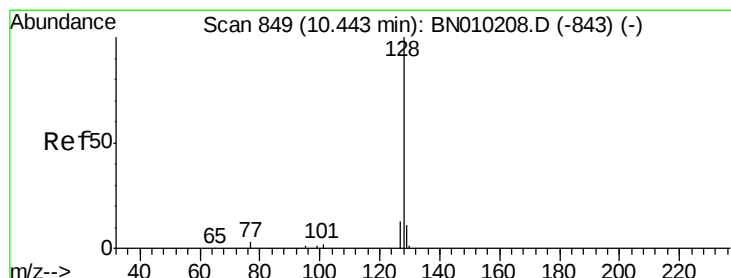
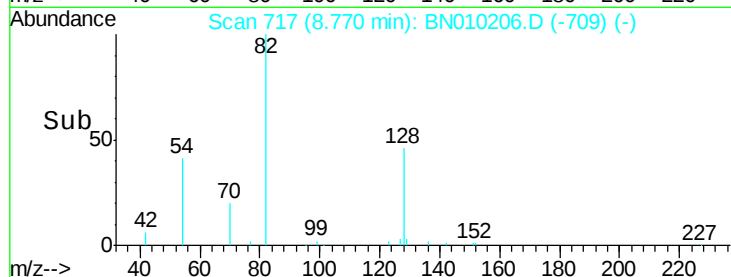
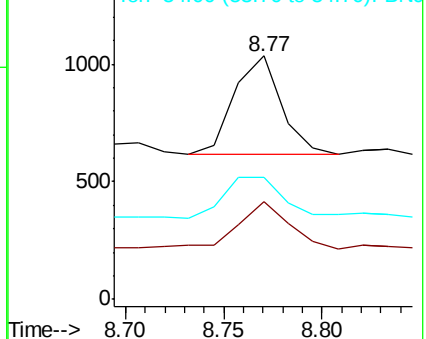
54 50.3 37.0 55.4



Abundance Ion 82.00 (81.70 to 82.70): BN010206.D (-709) (-)

Ion 128.00 (127.70 to 128.70): BN010206.D (-709) (-)

Ion 54.00 (53.70 to 54.70): BN010206.D (-709) (-)



#9

Naphthalene

Concen: 0.091 ng

RT: 10.44 min Scan# 849

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

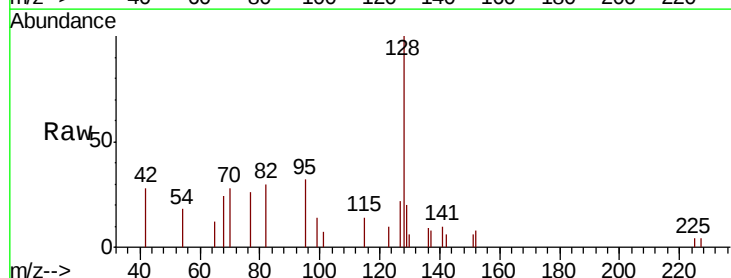
Tgt Ion: 128 Resp: 3196

Ion Ratio Lower Upper

128 100

129 19.7 10.5 15.7#

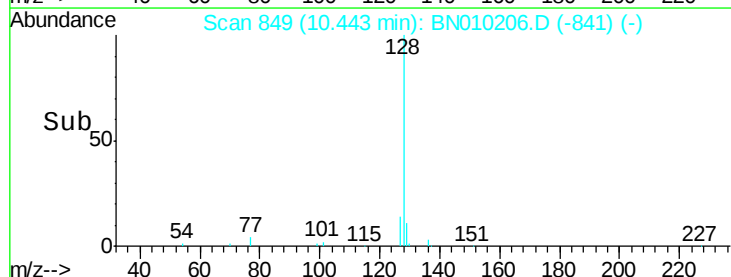
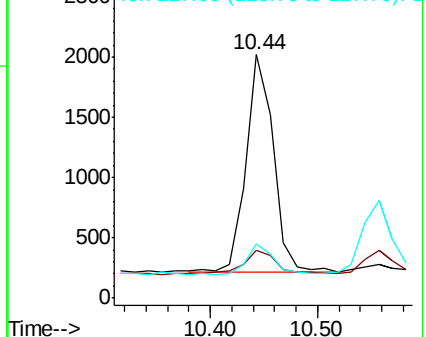
127 22.2 12.1 18.1#

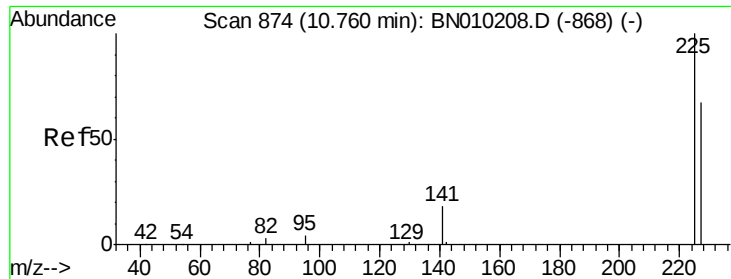


Abundance Ion 128.00 (127.70 to 128.70): BN010206.D (-841) (-)

Ion 129.00 (128.70 to 129.70): BN010206.D (-841) (-)

Ion 127.00 (126.70 to 127.70): BN010206.D (-841) (-)

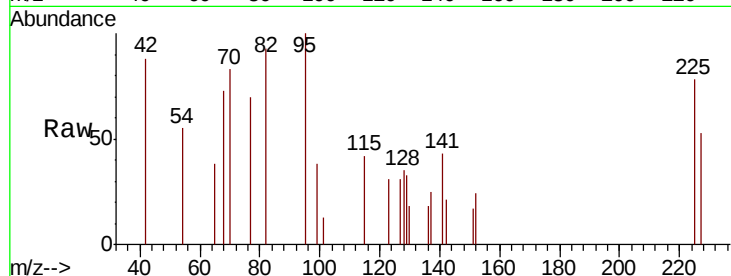




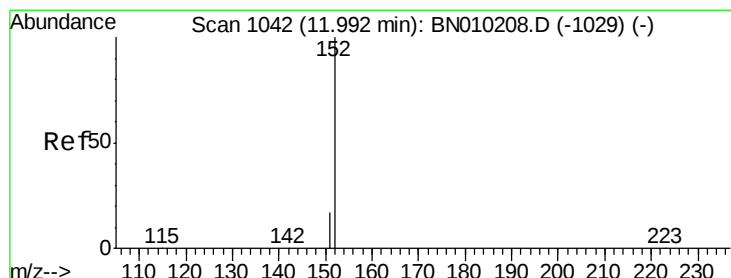
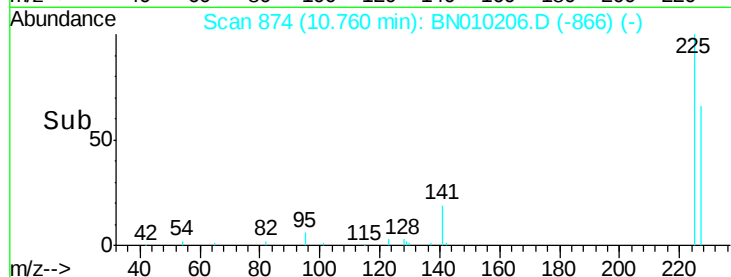
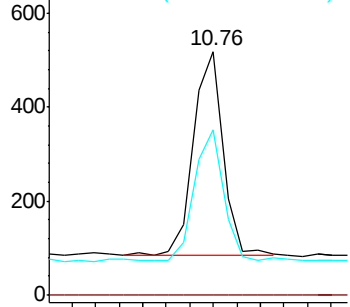
#10
Hexachlorobutadiene
Concen: 0.097 ng
RT: 10.76 min Scan# 874
Delta R.T. -0.00 min
Lab File: BN010206.D
Acq: 13 Mar 2020 18:29

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:225 Resp: 754
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 53.4 80.2

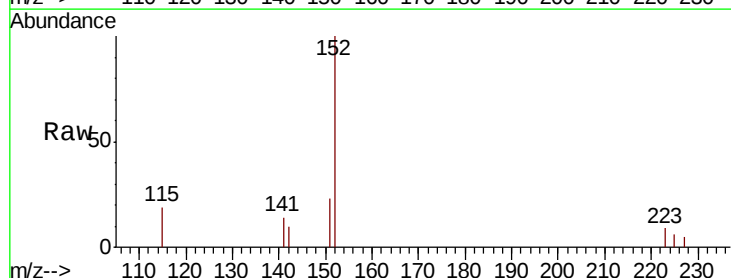


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

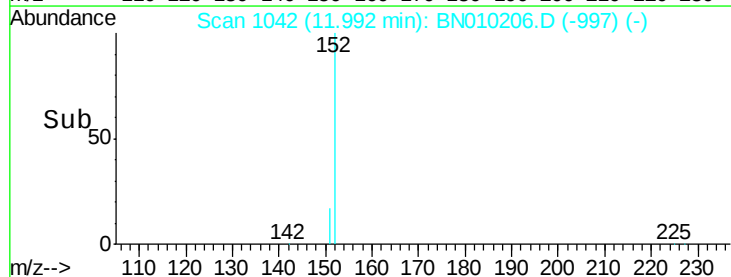
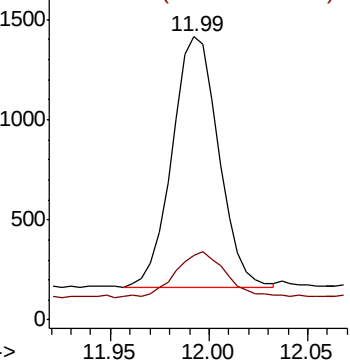


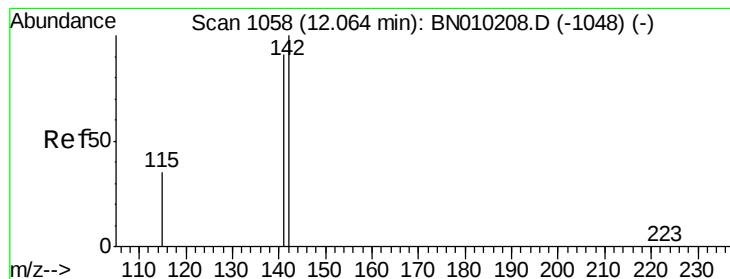
#11
2-Methylnaphthalene-d10
Concen: 0.082 ng
RT: 11.99 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BN010206.D
Acq: 13 Mar 2020 18:29

Tgt Ion:152 Resp: 2048
Ion Ratio Lower Upper
152 100
151 20.6 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.094 ng

RT: 12.07 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampled :

SSTDIC0.1

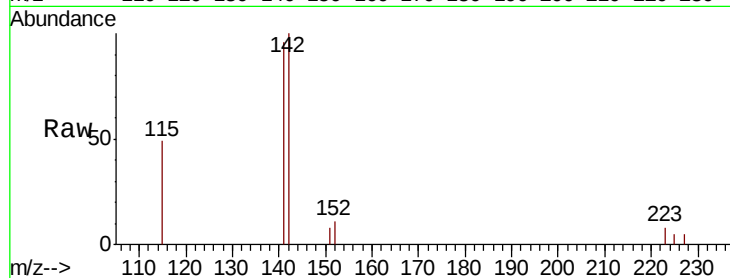
Tot Ion:142 Resp: 2259

Ion Ratio Lower Upper

142 100

141 96.2 73.7 110.5

115 49.2 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

12.07

1500

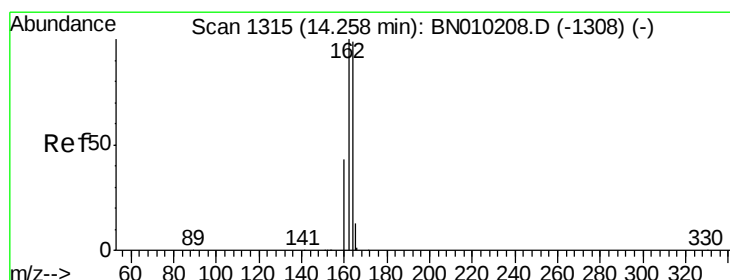
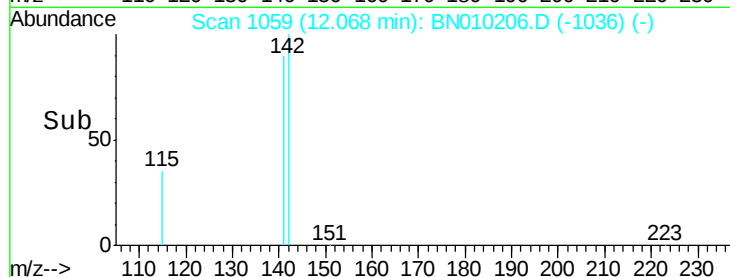
1000

500

0

12.00 12.05 12.10 12.15

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

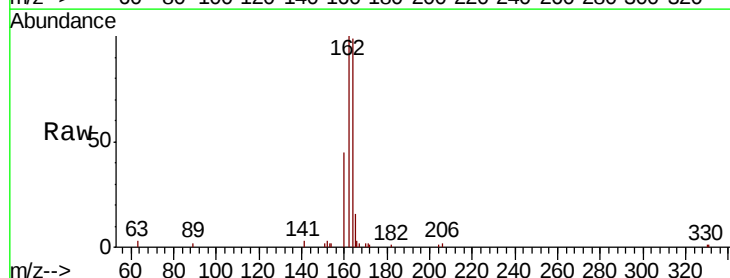
Tgt Ion:164 Resp: 8700

Ion Ratio Lower Upper

164 100

162 100.5 81.0 121.4

160 44.8 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

14.26

8000

6000

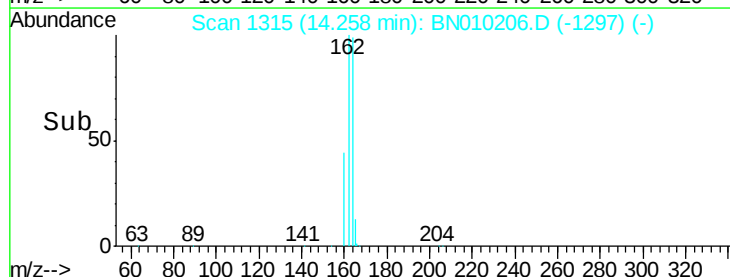
4000

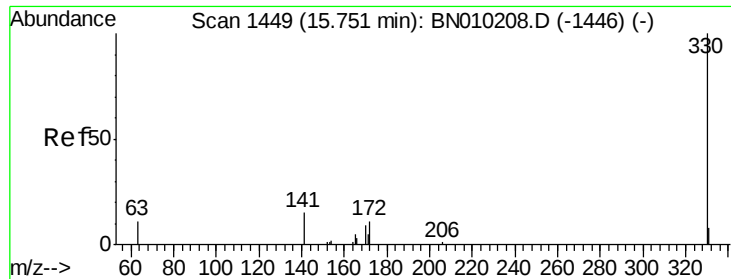
2000

0

14.10 14.20 14.30 14.40

Time-->





#14

2,4,6-Tribromophenol

Concen: 0.087 ng

RT: 15.75 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

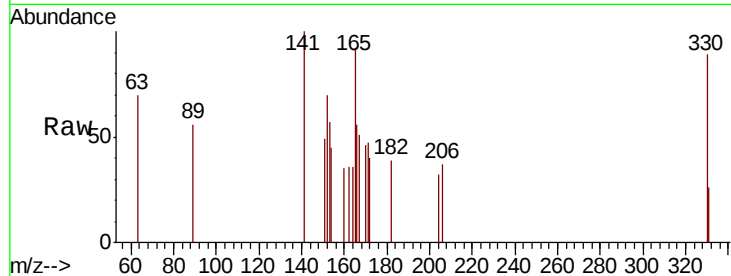
Tot Ion:330 Resp: 290

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

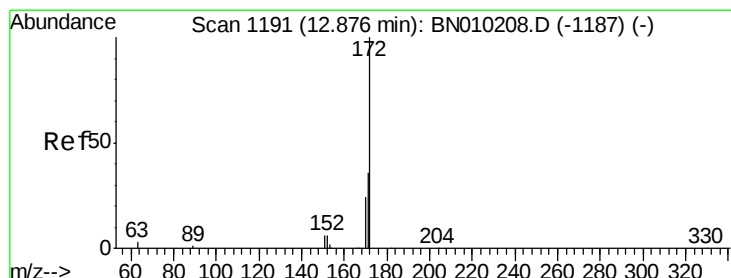
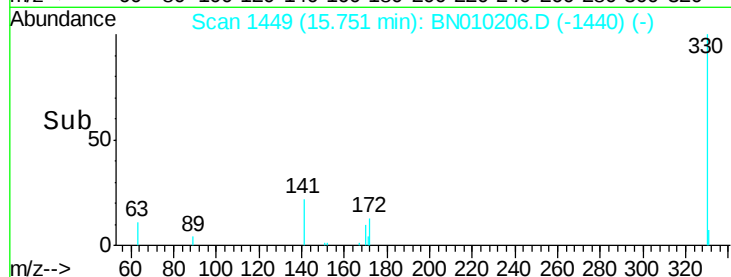
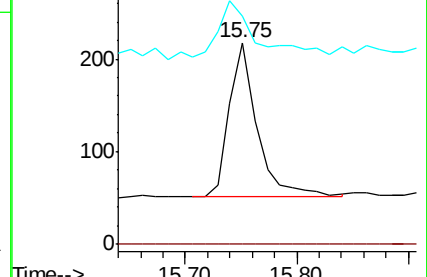
141 49.0 25.1 37.7#



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: 0.091 ng

RT: 12.89 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

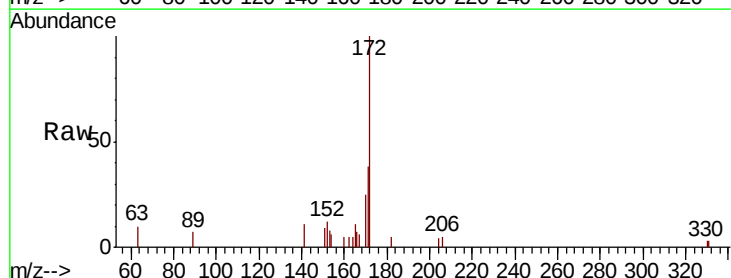
Tgt Ion:172 Resp: 2989

Ion Ratio Lower Upper

172 100

171 38.1 29.4 44.2

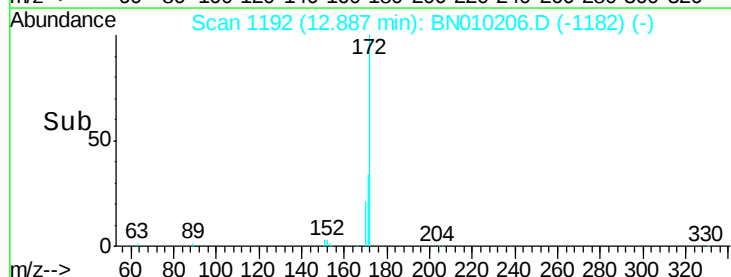
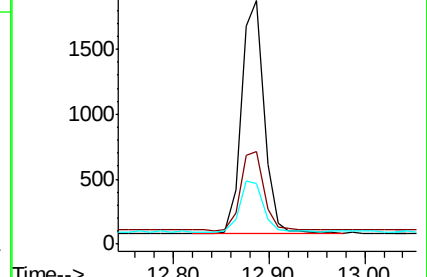
170 25.0 20.2 30.4

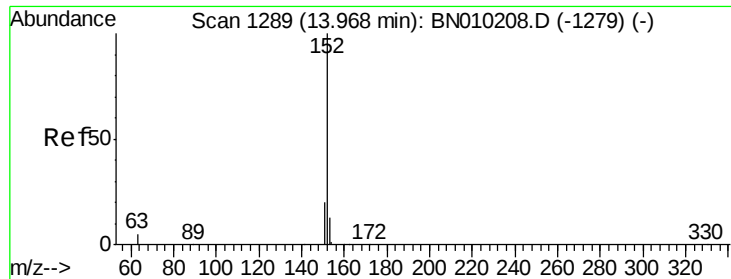


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.105 ng

RT: 13.97 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

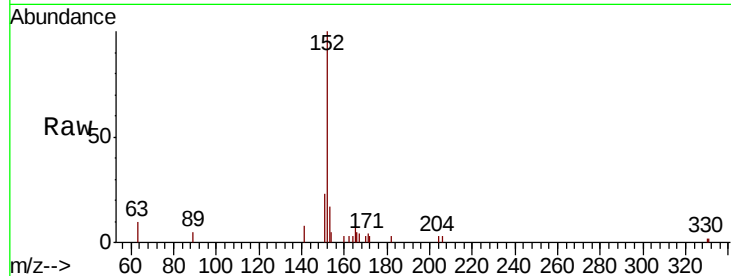
BNA_N

ClientSampleId :

SSTDIC0.1

Tot Ion:152 Resp: 3908

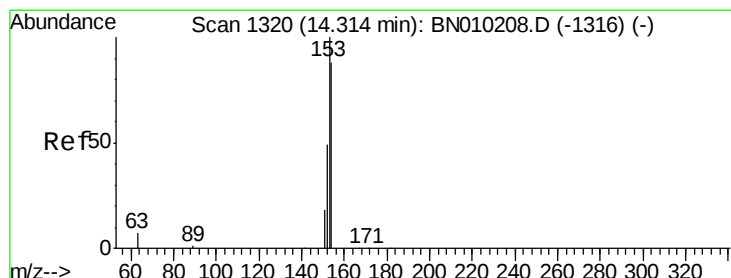
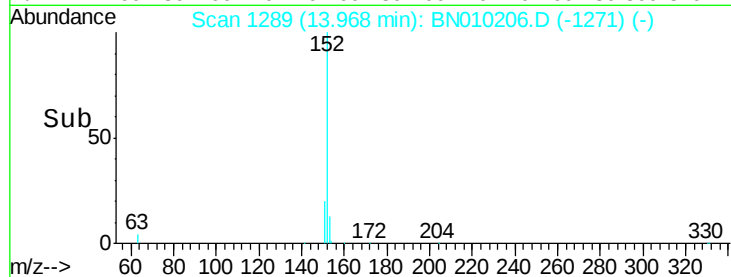
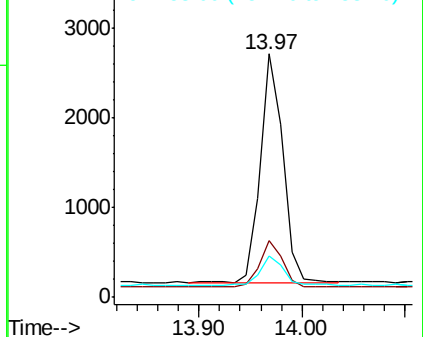
Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.6
153	13.9	10.6	16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.093 ng

RT: 14.31 min Scan# 1320

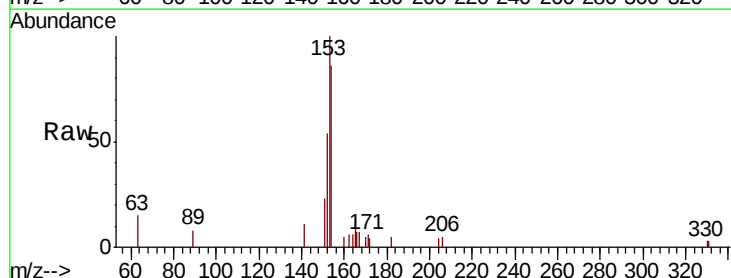
Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Tgt Ion:154 Resp: 2435

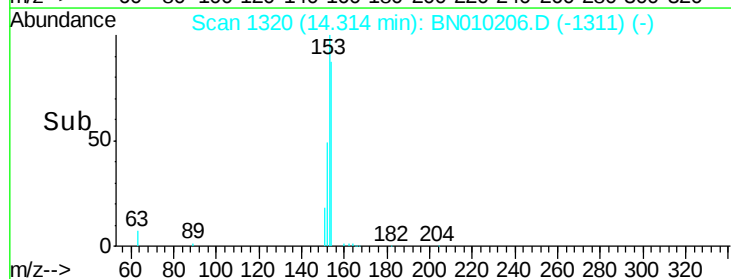
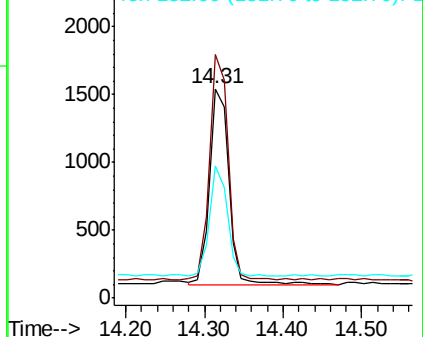
Ion	Ratio	Lower	Upper
154	100		
153	110.7	90.3	135.5
152	51.9	42.9	64.3

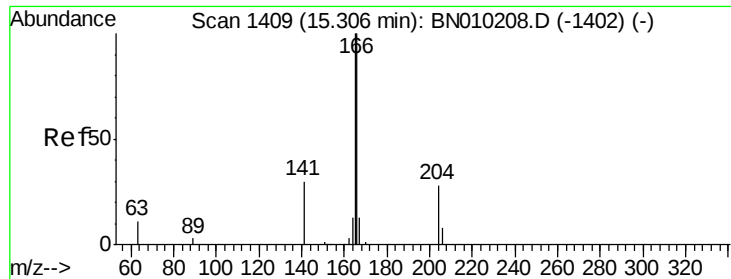


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.096 ng

RT: 15.31 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

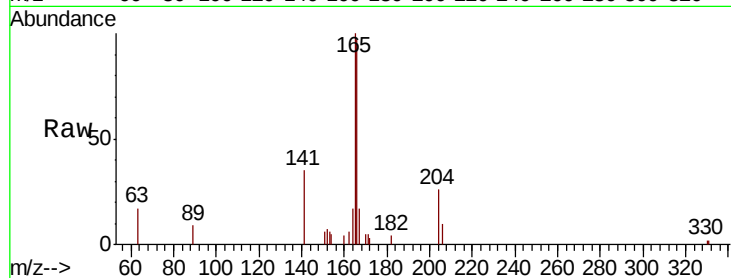
Tot Ion:166 Resp: 3311

Ion Ratio Lower Upper

166 100

165 96.4 78.3 117.5

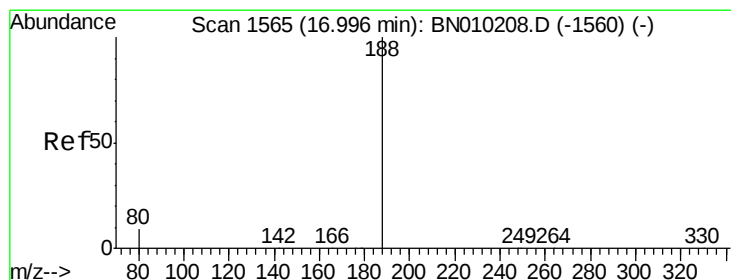
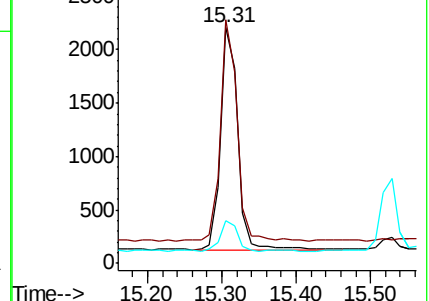
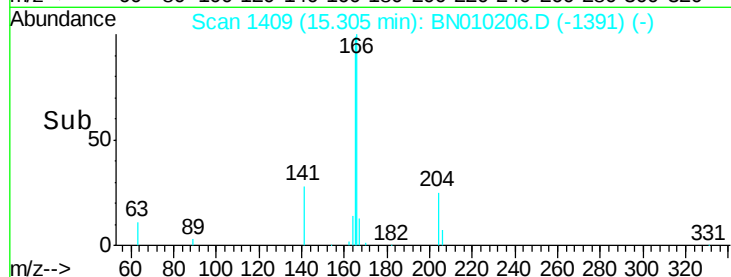
167 13.8 10.7 16.1



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: 17.00 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

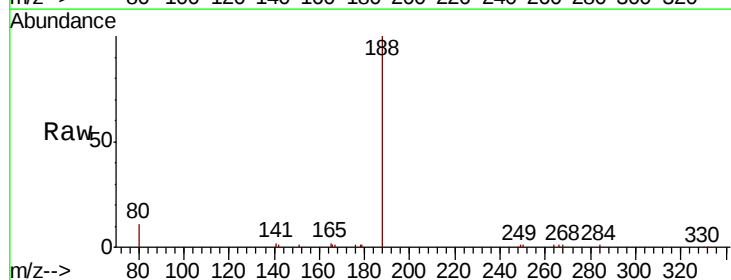
Tgt Ion:188 Resp: 21357

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

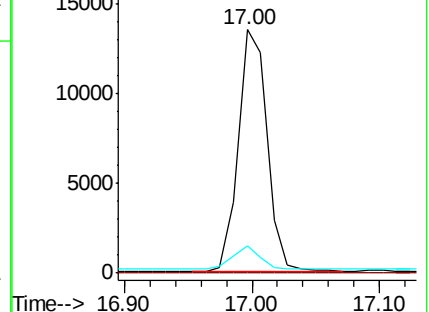
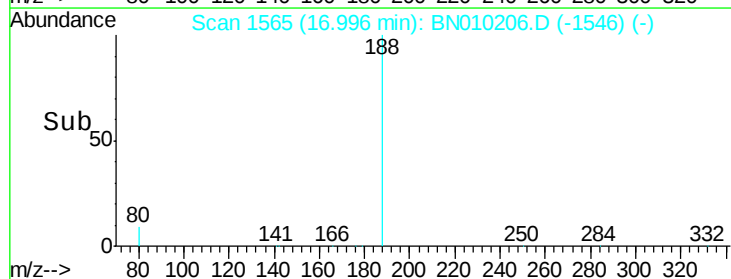
80 11.1 8.6 12.8

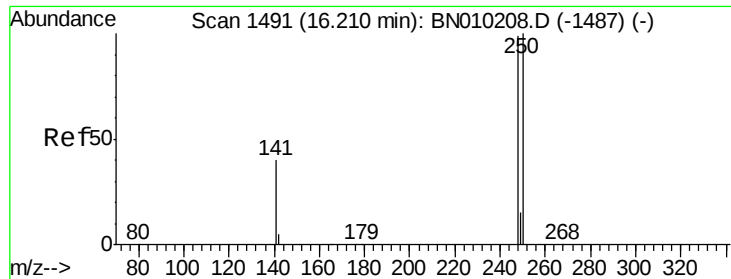


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

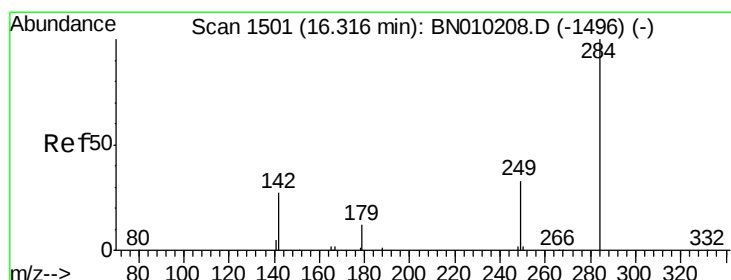
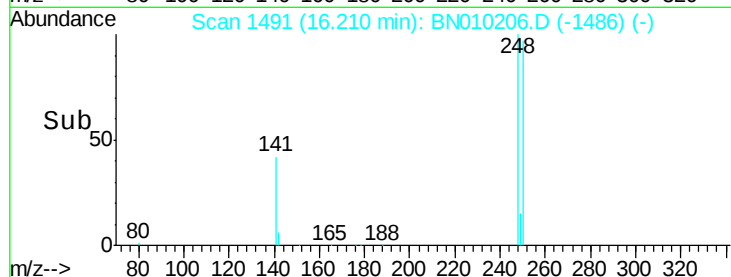
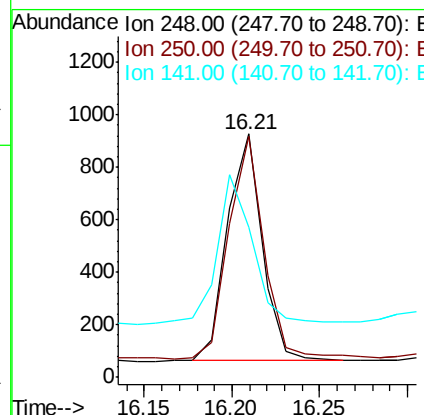
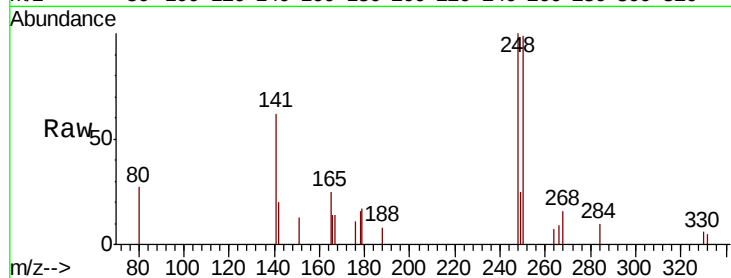




#20
4-Bromophenyl-phenylether
Concen: 0.080 ng
RT: 16.21 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BN010206.D
Acq: 13 Mar 2020 18:29

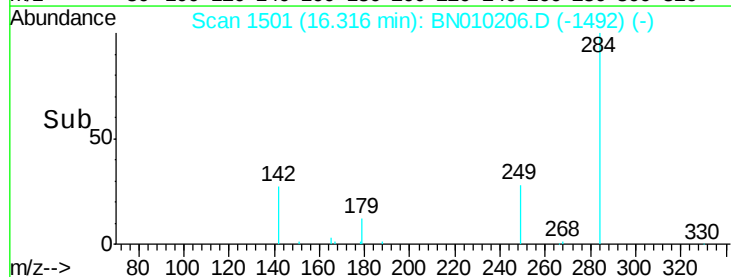
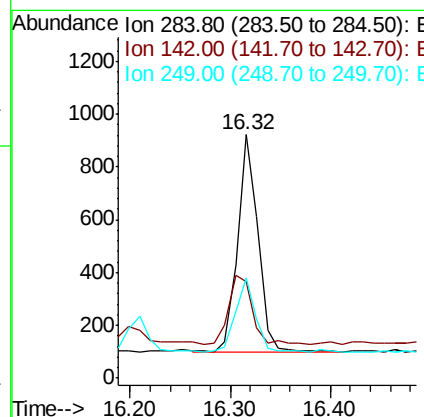
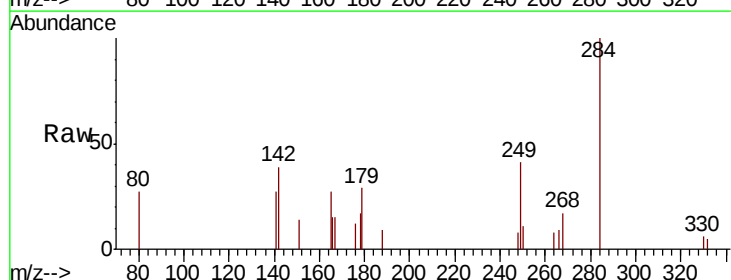
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

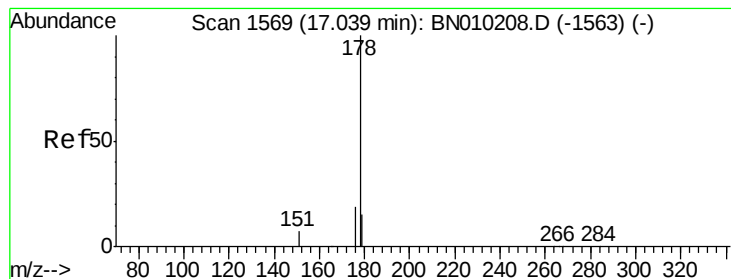
Tot Ion:248 Resp: 1183
Ion Ratio Lower Upper
248 100
250 98.9 81.2 121.8
141 61.8 36.7 55.1#



#21
Hexachlorobenzene
Concen: 0.088 ng
RT: 16.32 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BN010206.D
Acq: 13 Mar 2020 18:29

Tgt Ion:284 Resp: 1164
Ion Ratio Lower Upper
284 100
142 35.8 27.8 41.6
249 33.2 26.6 39.8





#23

Phenanthrene

Concen: 0.087 ng

RT: 17.04 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

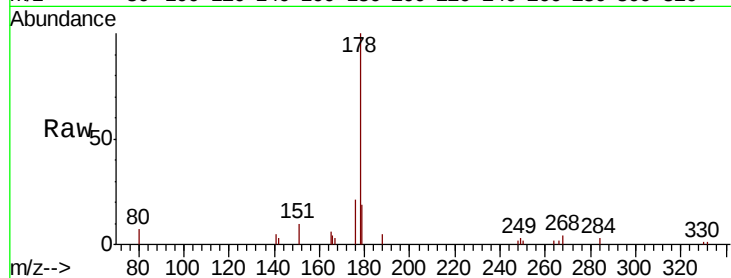
Tot Ion:178 Resp: 5545

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

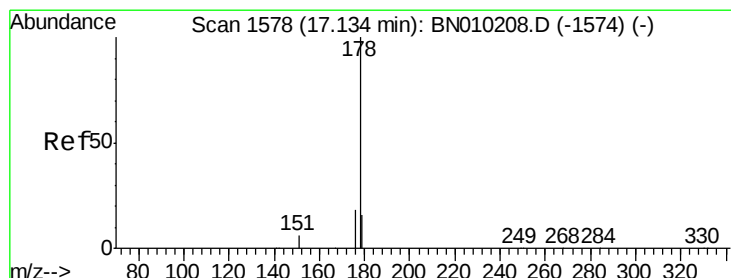
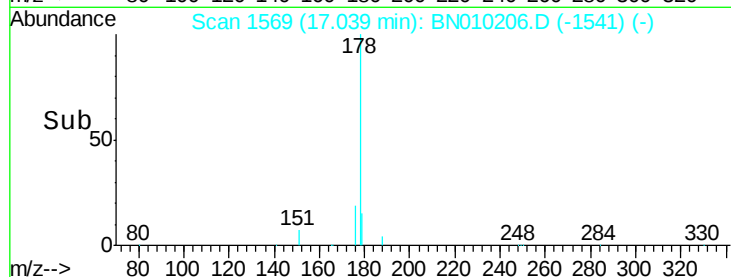
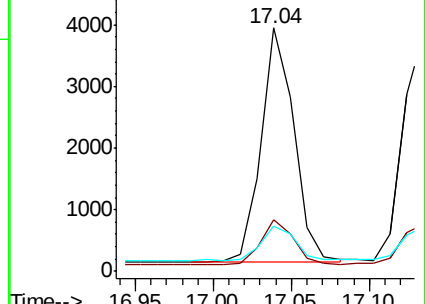
179 16.1 12.5 18.7



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: 0.101 ng

RT: 17.13 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

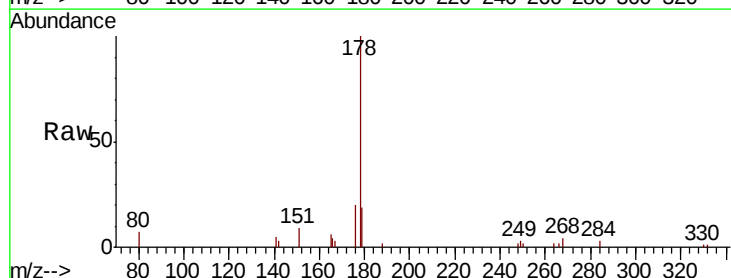
Tgt Ion:178 Resp: 5419

Ion Ratio Lower Upper

178 100

176 19.6 14.6 22.0

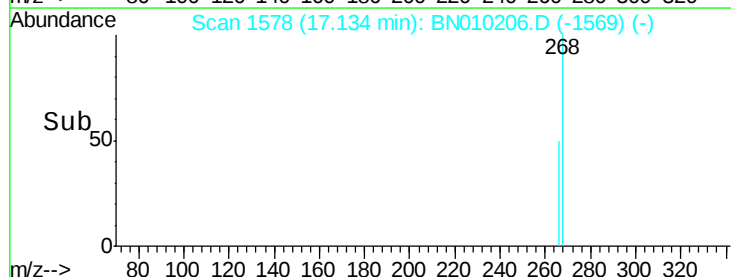
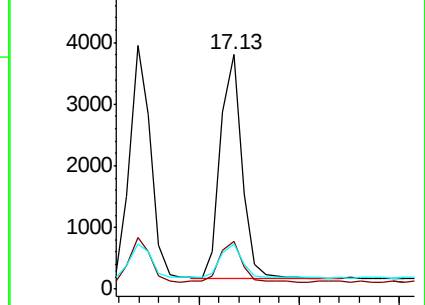
179 16.2 12.5 18.7

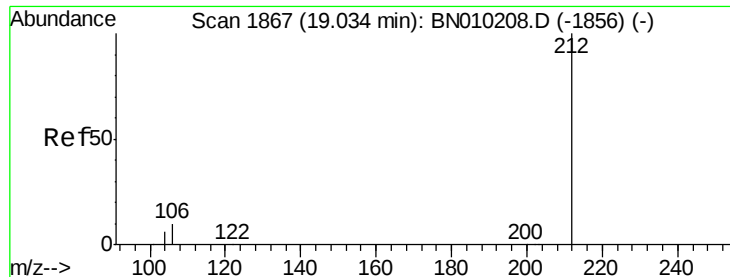


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.089 ng

RT: 19.03 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

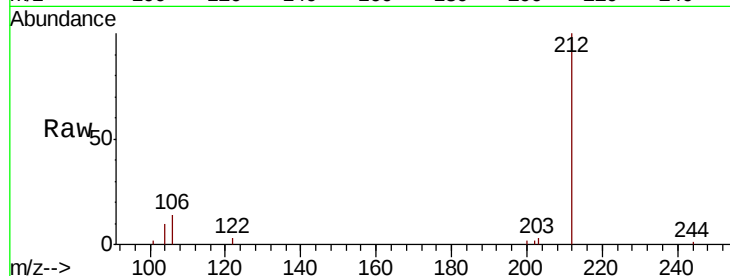
Tot Ion:212 Resp: 6598

Ion Ratio Lower Upper

212 100

106 10.3 8.1 12.1

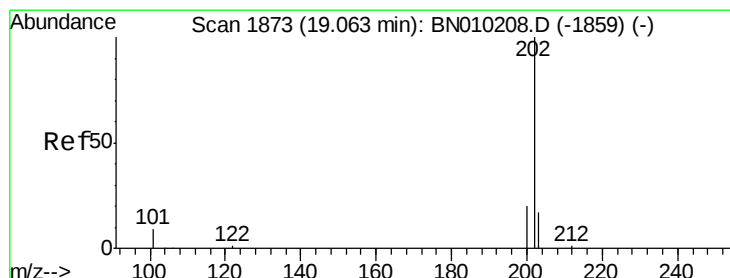
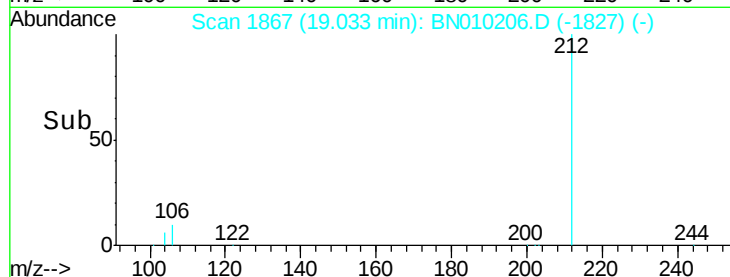
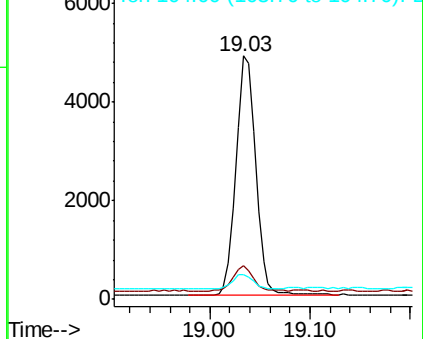
104 6.1 4.7 7.1



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: 0.095 ng

RT: 19.07 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

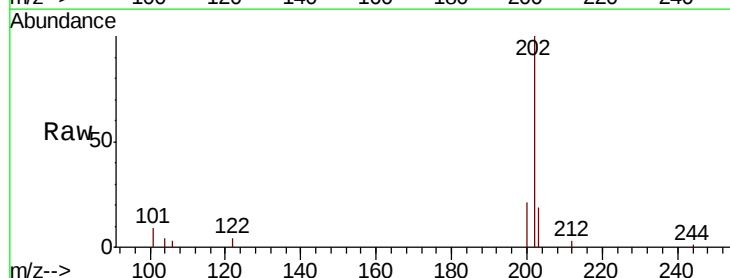
Tgt Ion:202 Resp: 7199

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.6

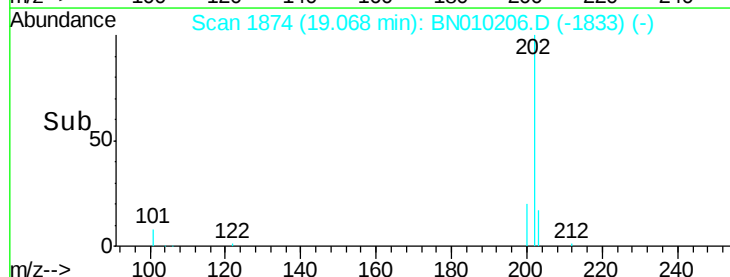
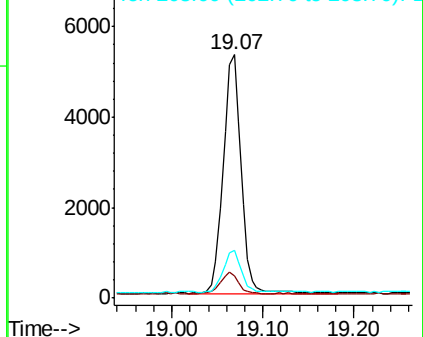
203 17.3 13.9 20.9

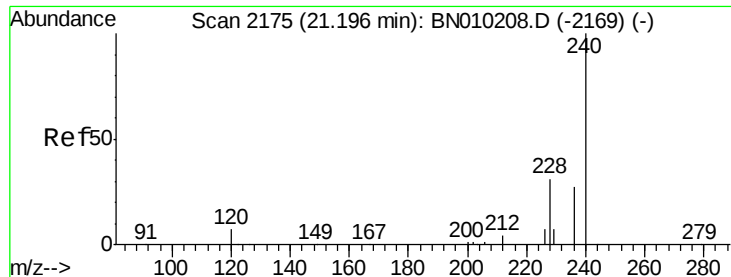


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.20 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

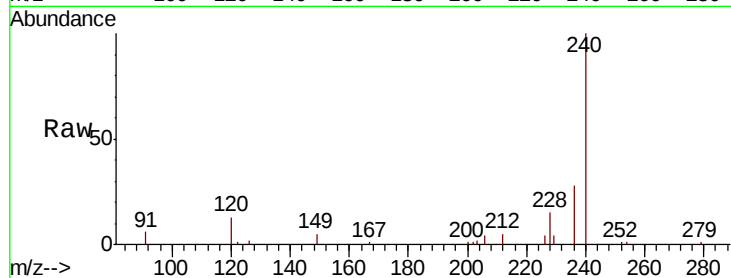
Tot Ion:240 Resp: 22653

Ion Ratio Lower Upper

240 100

120 12.7 7.7 11.5#

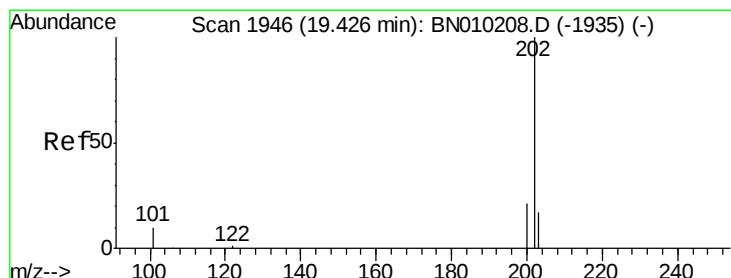
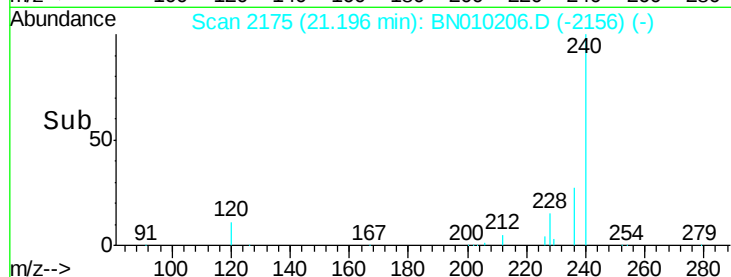
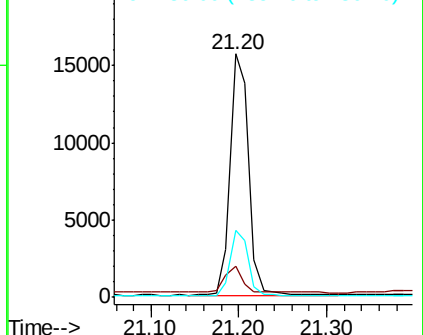
236 27.6 21.8 32.6



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: 0.088 ng

RT: 19.43 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

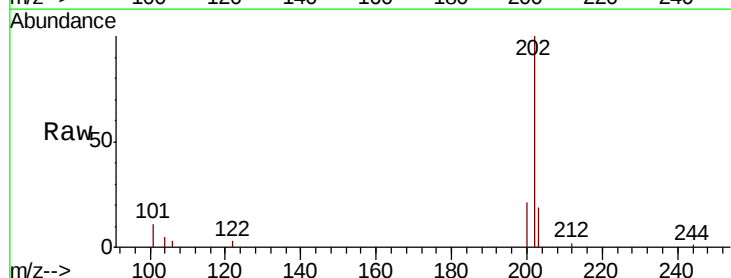
Tgt Ion:202 Resp: 7534

Ion Ratio Lower Upper

202 100

200 20.1 16.6 24.8

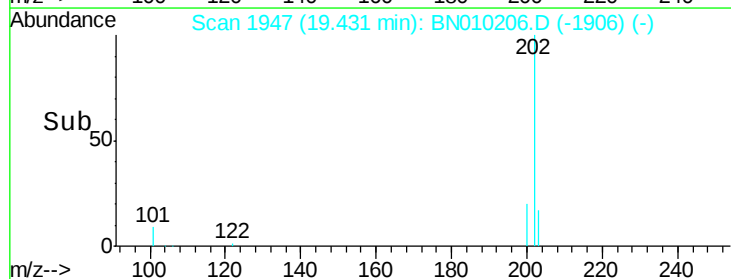
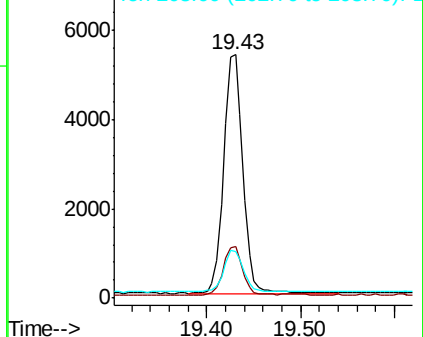
203 17.7 14.1 21.1

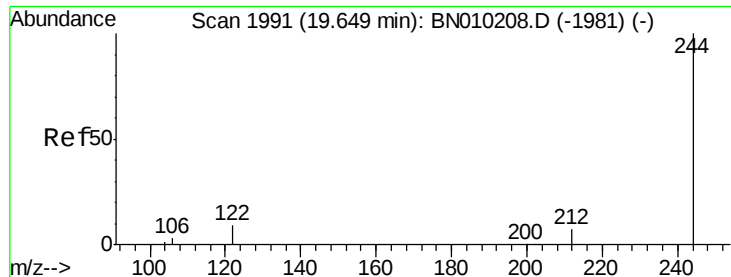


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.094 ng

RT: 19.65 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

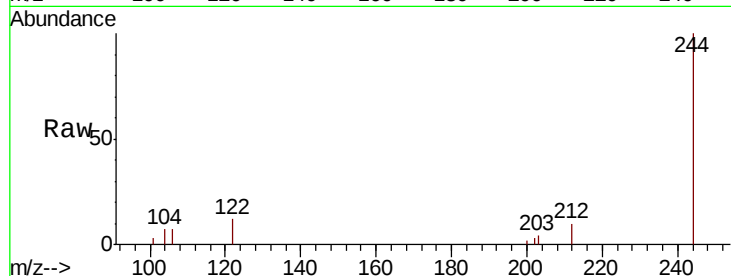
Tot Ion:244 Resp: 5100

Ion Ratio Lower Upper

244 100

212 9.5 6.4 9.6

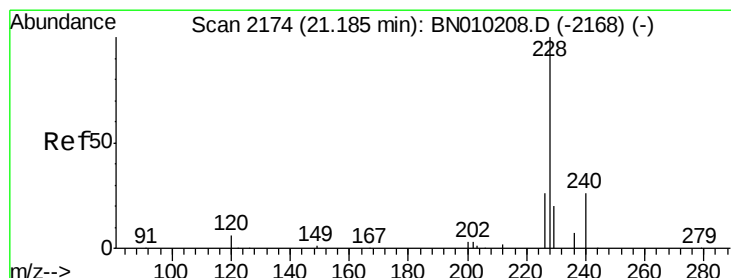
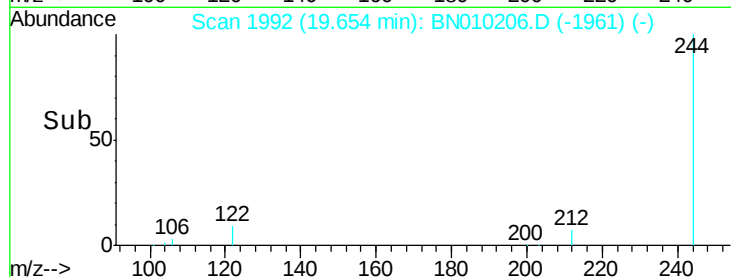
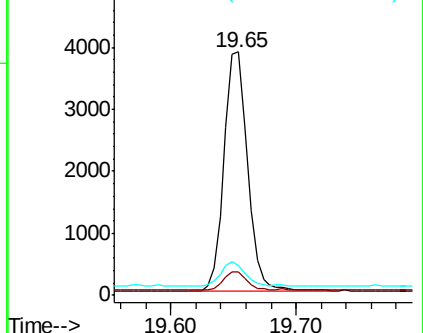
122 12.5 8.1 12.1#



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: 0.102 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

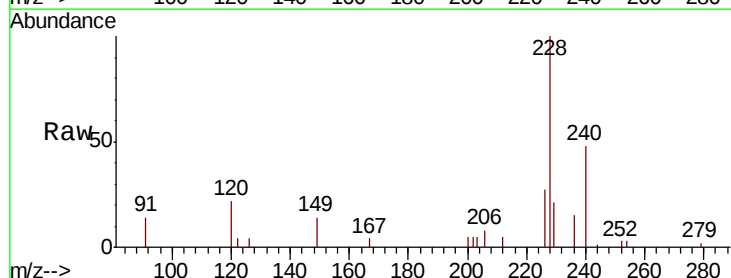
Tgt Ion:228 Resp: 7648

Ion Ratio Lower Upper

228 100

226 27.2 21.1 31.7

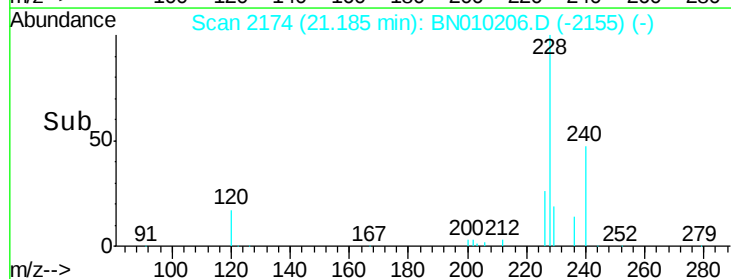
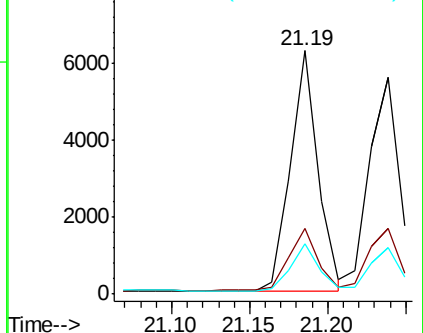
229 20.6 16.2 24.4

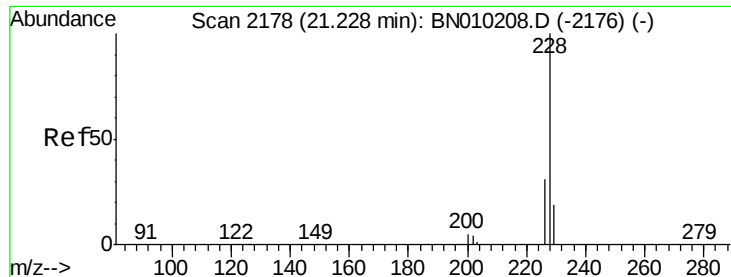


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.087 ng

RT: 21.24 min Scan# 2179

Delta R.T. 0.01 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

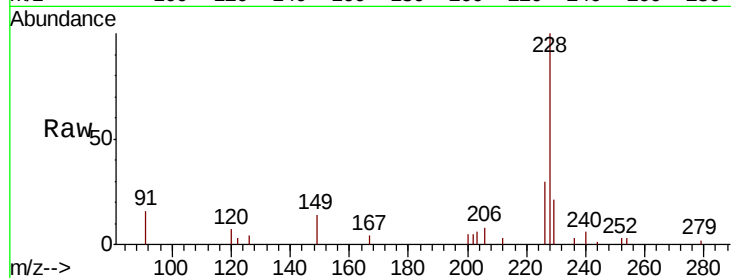
Tot Ion:228 Resp: 7535

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.4

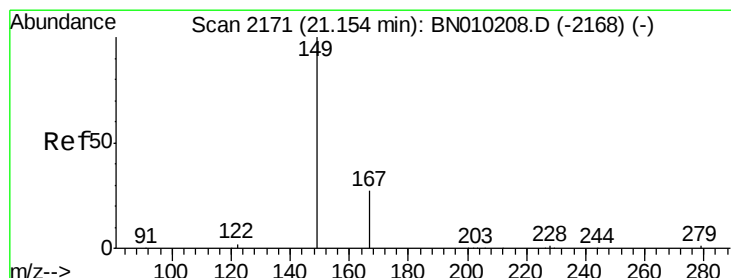
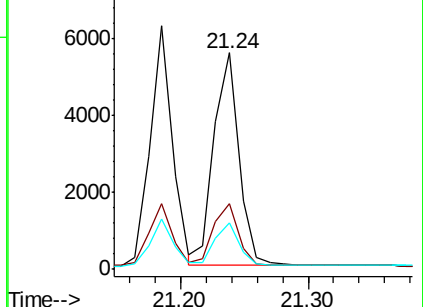
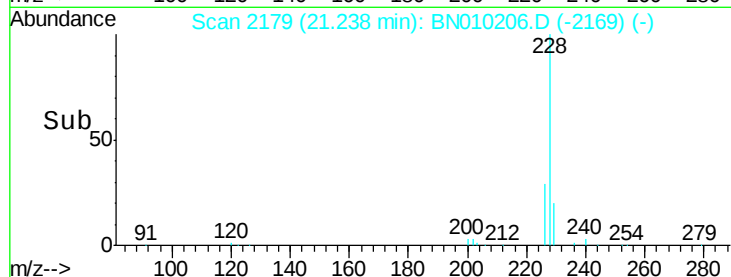
229 21.2 15.7 23.5



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: 0.089 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.01 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

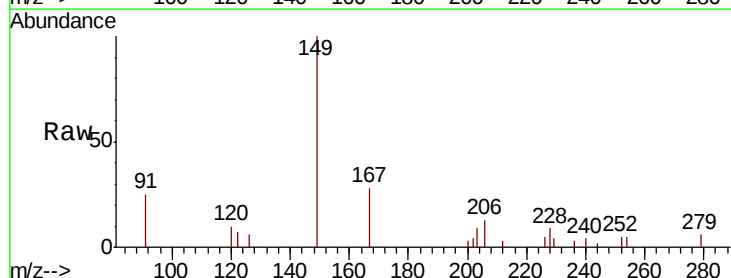
Tgt Ion:149 Resp: 3248

Ion Ratio Lower Upper

149 100

167 30.0 21.0 31.4

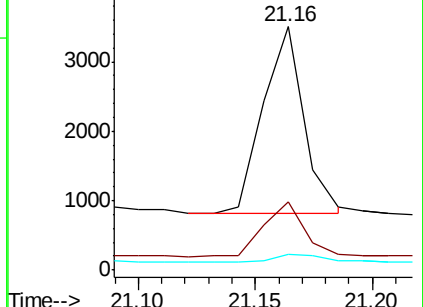
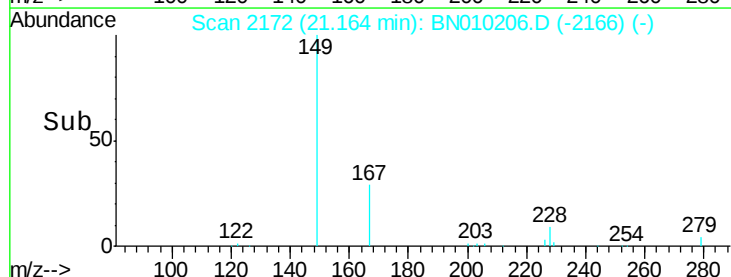
279 4.8 3.1 4.7#

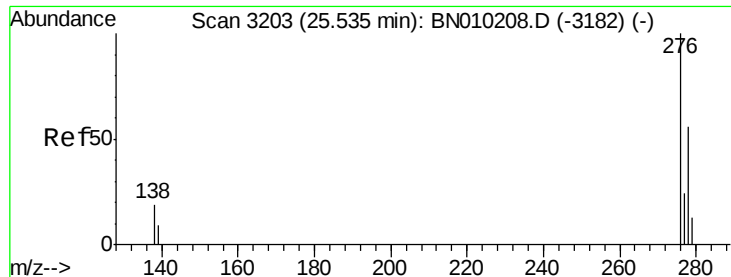


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.097 ng

RT: 25.54 min Scan# 3205

Delta R.T. 0.01 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

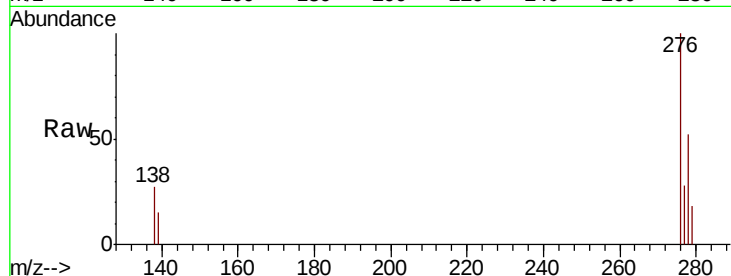
Tot Ion:276 Resp: 8809

Ion Ratio Lower Upper

276 100

138 22.2 15.8 23.6

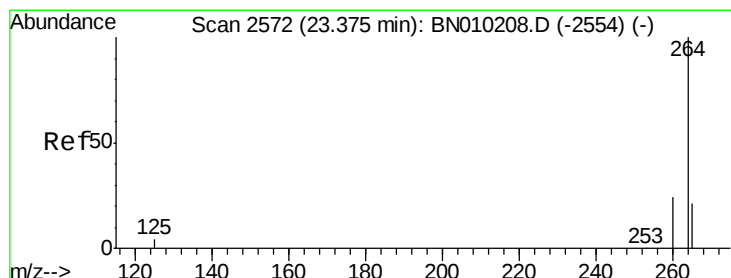
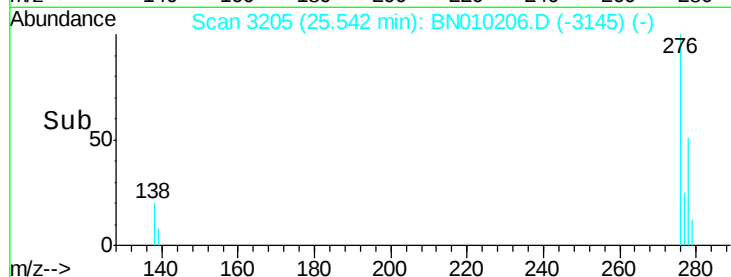
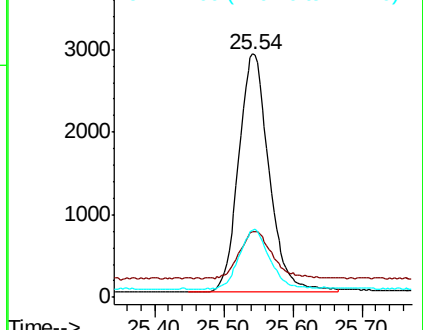
277 24.9 19.3 28.9



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: 23.38 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

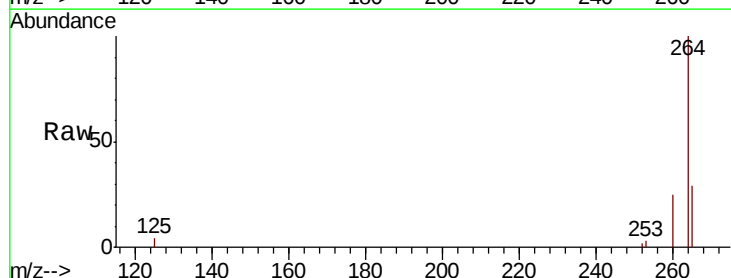
Tgt Ion:264 Resp: 25568

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

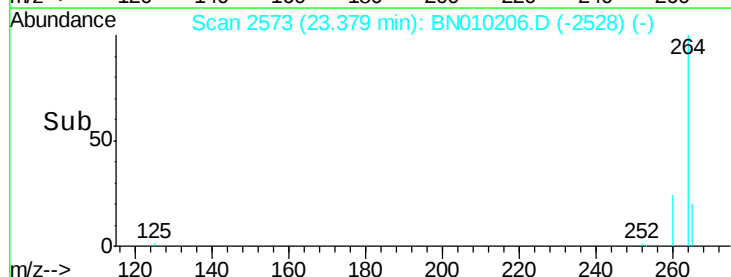
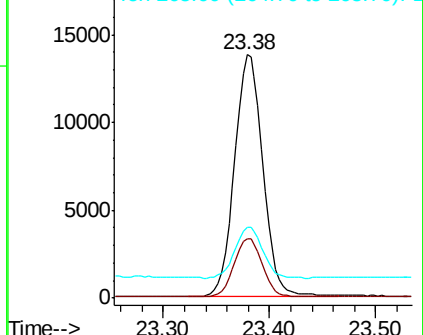
265 29.1 25.8 38.6

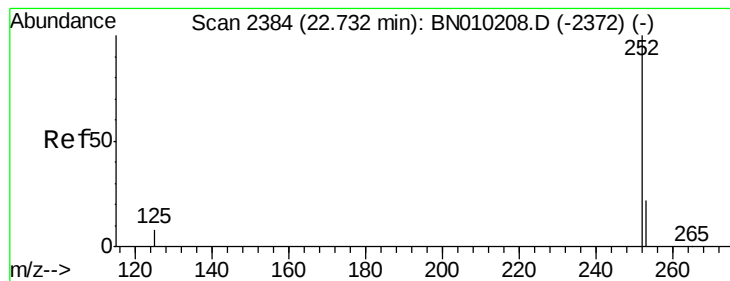


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.081 ng

RT: 22.74 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

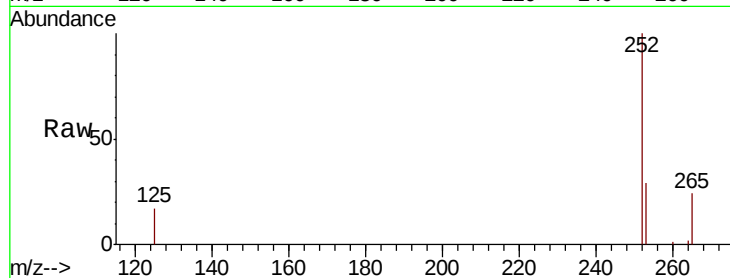
Tot Ion:252 Resp: 7546

Ion Ratio Lower Upper

252 100

253 29.1 18.6 28.0#

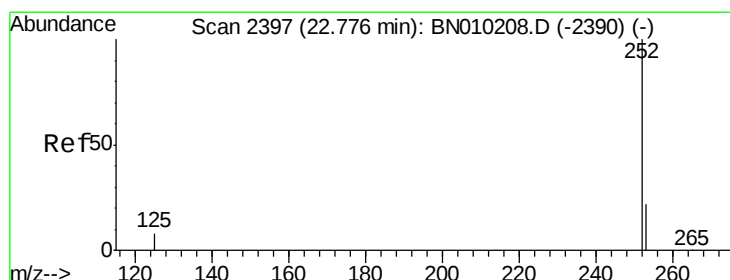
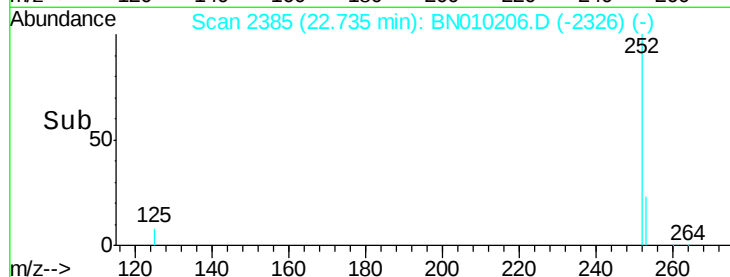
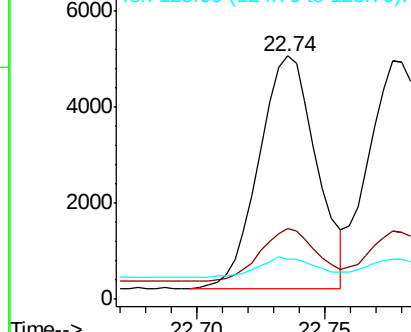
125 16.6 7.9 11.9#



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: 0.077 ng

RT: 22.78 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

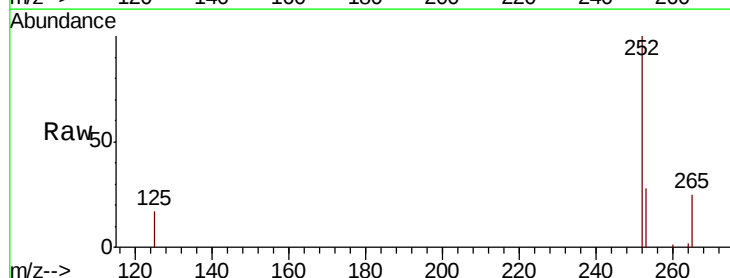
Tgt Ion:252 Resp: 7791

Ion Ratio Lower Upper

252 100

253 28.4 18.8 28.2#

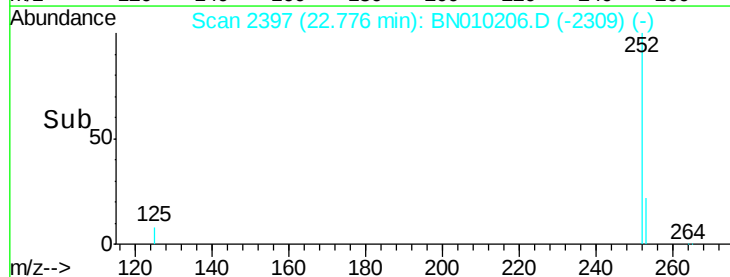
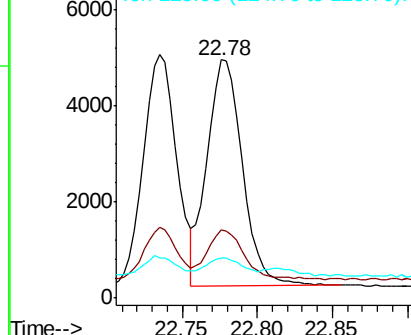
125 16.7 8.2 12.4#

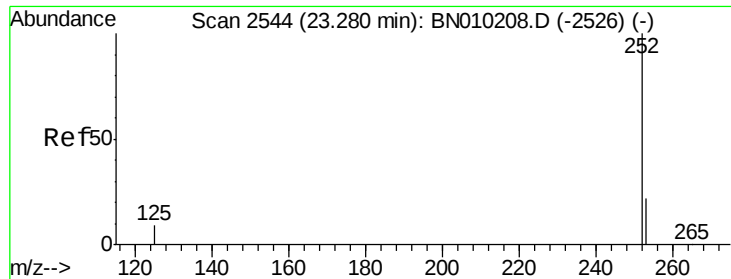


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.086 ng

RT: 23.29 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

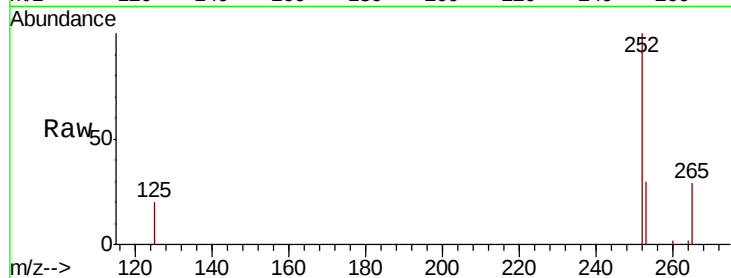
Tot Ion:252 Resp: 7294

Ion Ratio Lower Upper

252 100

253 29.8 19.1 28.7#

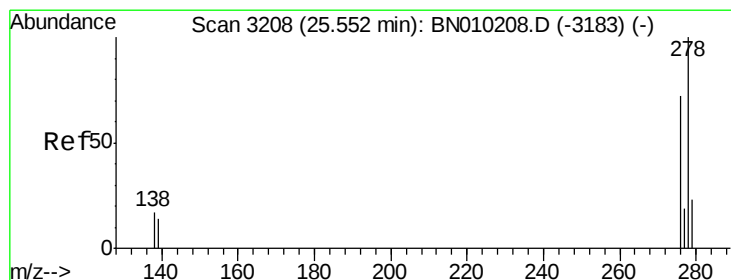
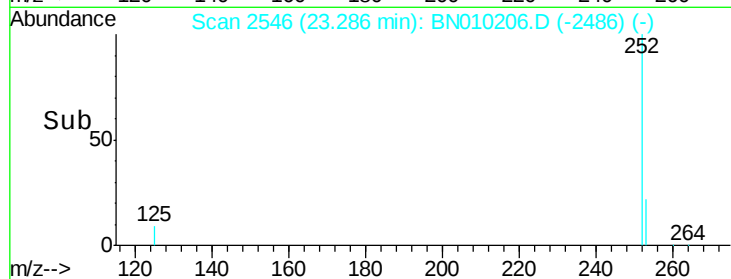
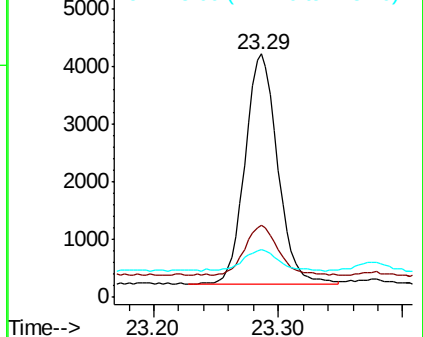
125 19.6 9.2 13.8#



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: 0.086 ng

RT: 25.56 min Scan# 3210

Delta R.T. 0.01 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

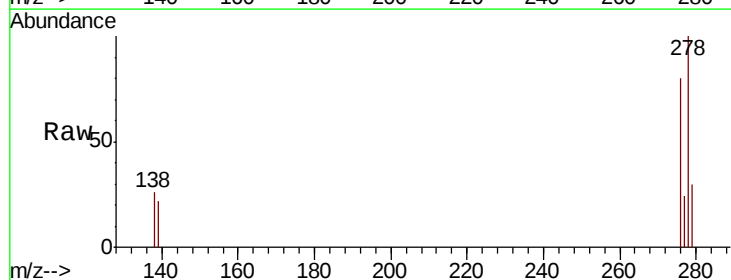
Tgt Ion:278 Resp: 7227

Ion Ratio Lower Upper

278 100

139 22.0 12.4 18.6#

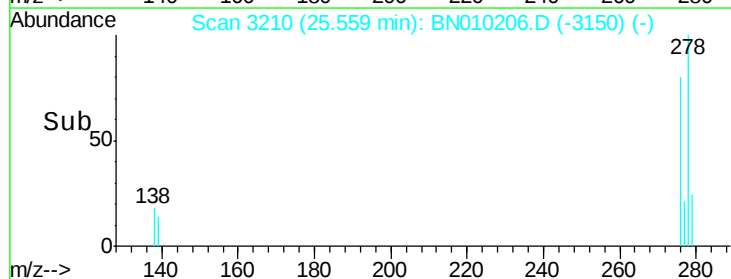
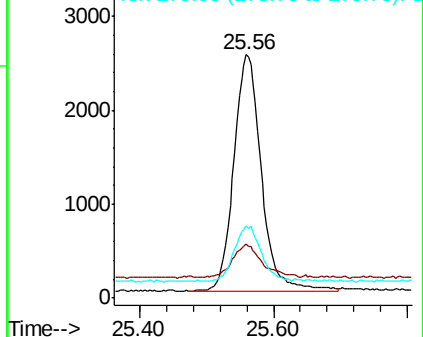
279 29.5 20.2 30.2

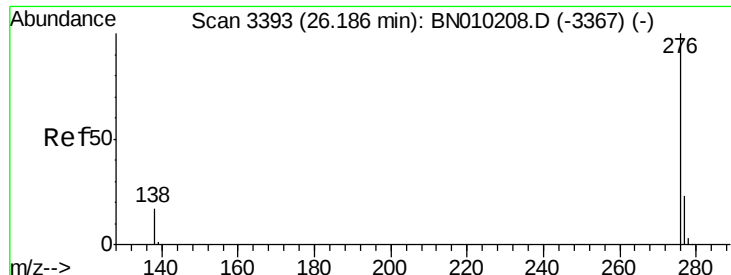


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.081 ng

RT: 26.19 min Scan# 3394

Delta R.T. 0.00 min

Lab File: BN010206.D

Acq: 13 Mar 2020 18:29

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

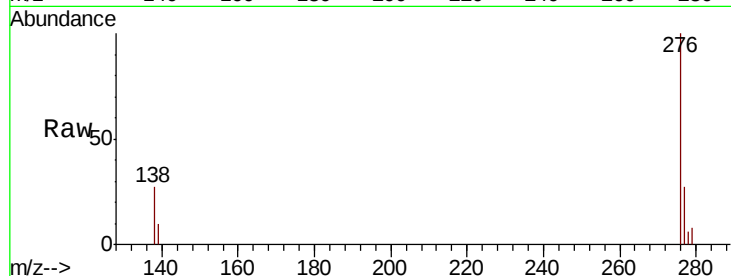
Tot Ion: 276 Resp: 7227

Ion Ratio Lower Upper

276 100

277 26.8 19.4 29.2

138 27.5 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

