

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
 Data File : BN011606.D
 Acq On : 24 Aug 2020 20:35
 Operator : CG/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Aug 25 03:32:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 18:42:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2682	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	10012	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	6587	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	14637	0.40	ng	0.00
29) Chrysene-d12	21.33	240	15584	0.40	ng	0.00
36) Perylene-d12	23.59	264	15219	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	33518	5.86	ng	0.00
5) Phenol-d6	6.92	99	47779	8.26	ng	0.00
8) Nitrobenzene-d5	8.89	82	39889	6.06	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	84063	4.70	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	16194	4.94	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	111895	4.13	ng	0.00
27) Fluoranthene-d10	19.17	212	208010	4.22	ng	0.00
31) Terphenyl-d14	19.78	244	171032	4.21	ng	0.00

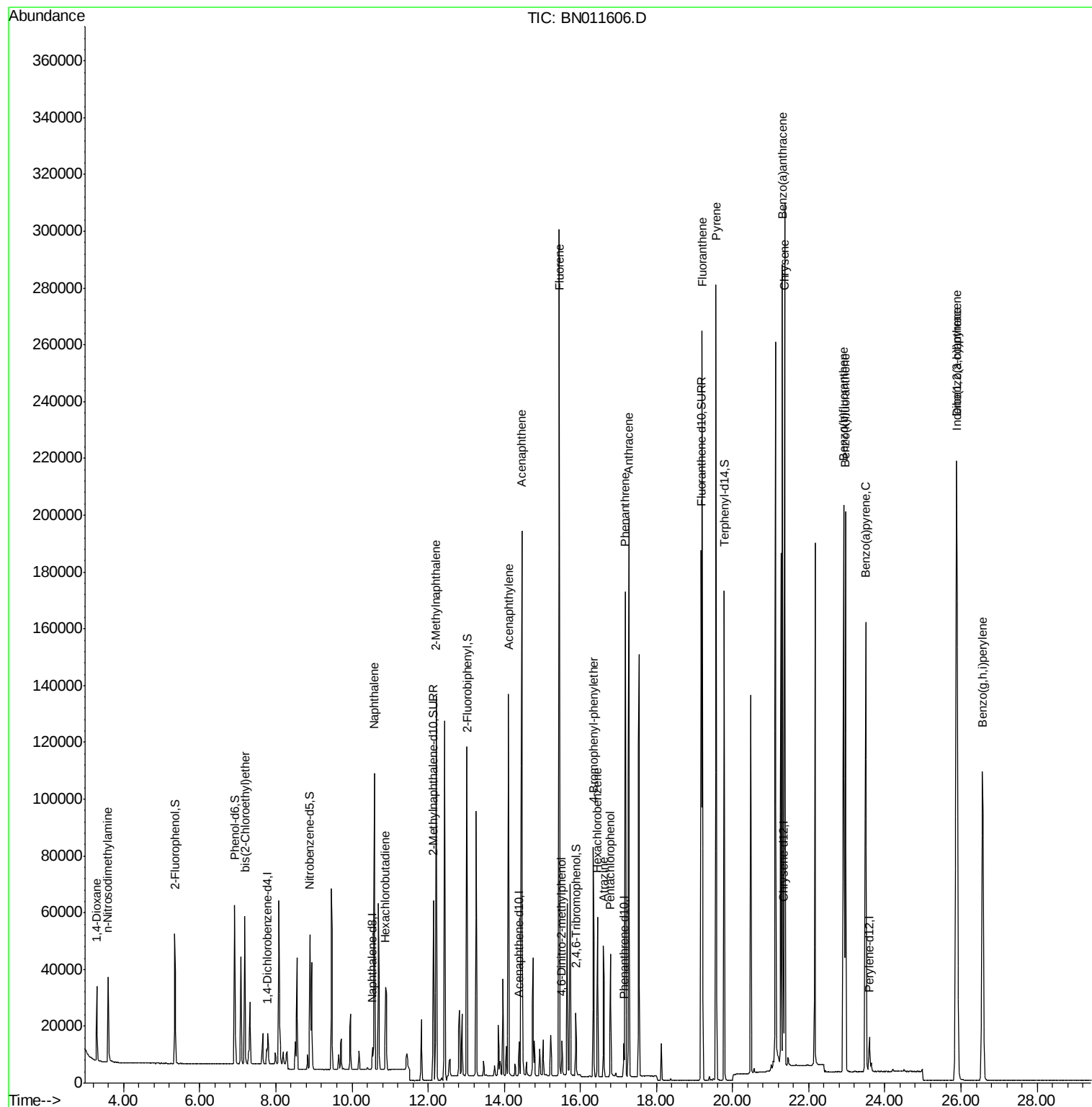
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	16517	4.507	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	18393	12.170	ng	# 93
6) bis(2-Chloroethyl)ether	7.18	93	34691	6.137	ng	97
9) Naphthalene	10.59	128	126772	4.370	ng	# 92
10) Hexachlorobutadiene	10.88	225	26447	3.258	ng	# 99
12) 2-Methylnaphthalene	12.21	142	92243	4.620	ng	97
16) Acenaphthylene	14.12	152	152843	4.562	ng	99
17) Acenaphthene	14.46	154	98147	4.464	ng	100
18) Fluorene	15.45	166	123618	4.251	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	8948	5.060	ng	# 24
21) 4-Bromophenyl-phenylether	16.34	248	37320	11.671	ng	89
22) Hexachlorobenzene	16.44	284	43704	3.872	ng	99
23) Atrazine	16.60	200	37824	4.967	ng	94
24) Pentachlorophenol	16.79	266	20487	5.825	ng	96
25) Phenanthrene	17.17	178	198728	4.313	ng	99
26) Anthracene	17.27	178	194617	5.064	ng	99
28) Fluoranthene	19.20	202	232456	3.922	ng	100
30) Pvrene	19.56	202	238280	3.844	ng	100
32) Benzo(a)anthracene	21.31	228	240285	4.694	ng	99
33) Chrysene	21.36	228	230277	3.954	ng	99
35) Indeno(1,2,3-cd)pyrene	25.87	276	280217	5.299	ng	# 100
37) Benzo(b)fluoranthene	22.91	252	243188	4.322	ng	# 90
38) Benzo(k)fluoranthene	22.96	252	238079	3.551	ng	# 86
39) Benzo(a)pyrene	23.49	252	225320	4.328	ng	# 90
40) Dibenzo(a,h)anthracene	25.89	278	230839	5.303	ng	# 90
41) Benzo(g,h,i)perylene	26.57	276	225991	4.352	ng	# 93

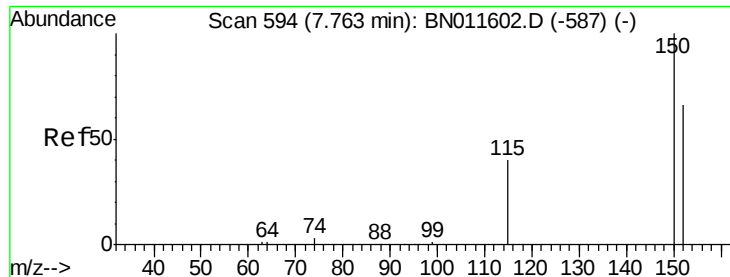
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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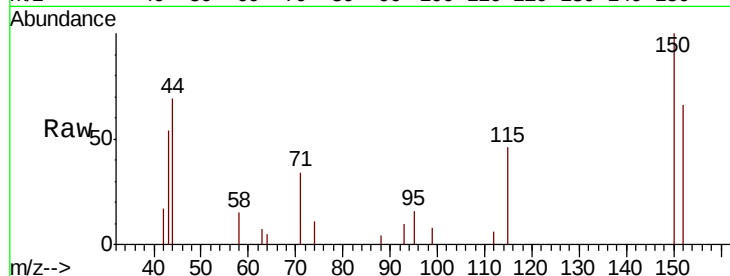


#1

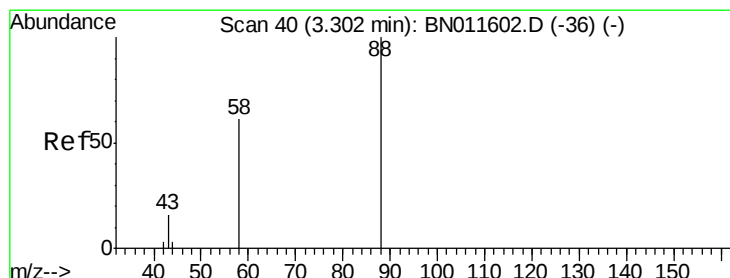
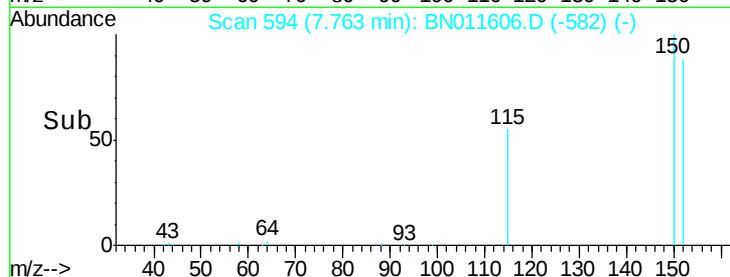
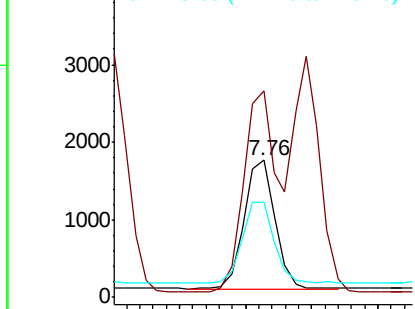
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 2682
Ion Ratio Lower Upper
152 100
150 150.6 112.4 168.6
115 69.2 56.9 85.3



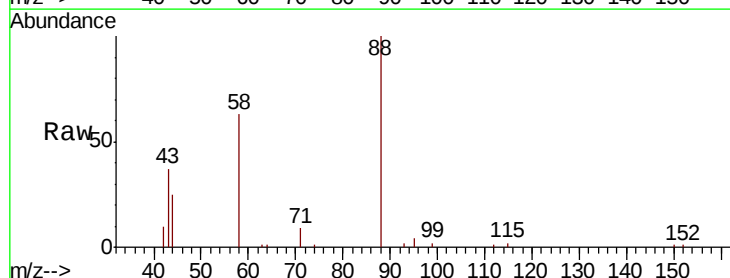
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



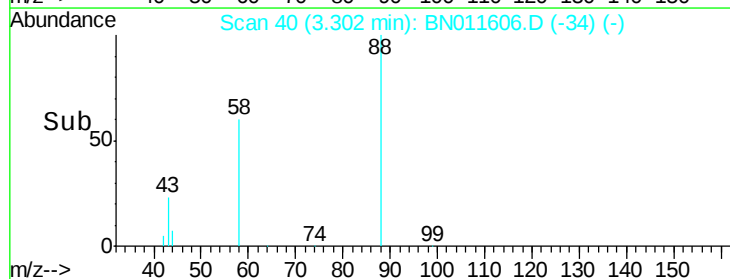
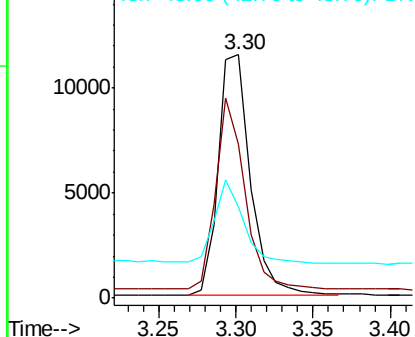
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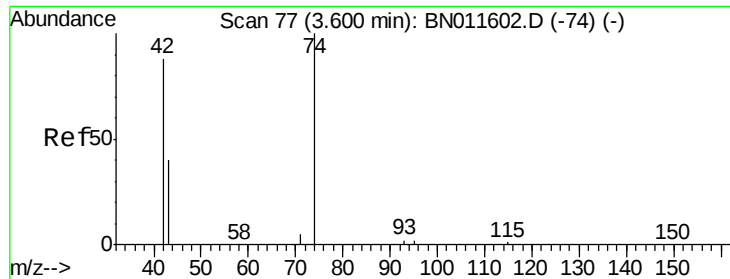
1,4-Dioxane
Concen: 4.507 ng
RT: 3.30 min Scan# 40
Delta R.T. -0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

Tgt Ion: 88 Resp: 16517
Ion Ratio Lower Upper
88 100
58 71.9 3.0 4.4#
43 31.7 0.0 0.0#



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



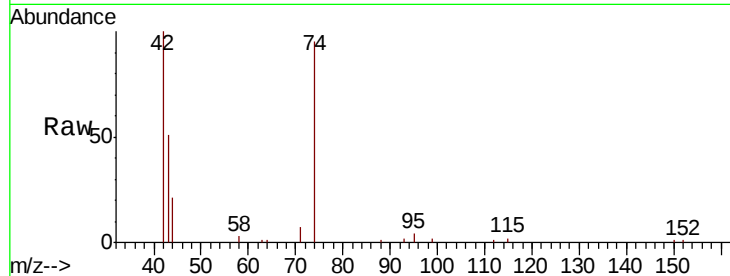


#3

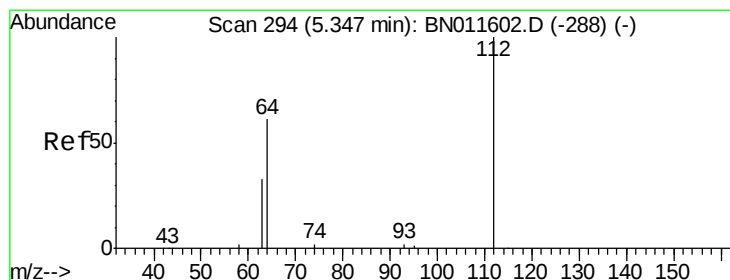
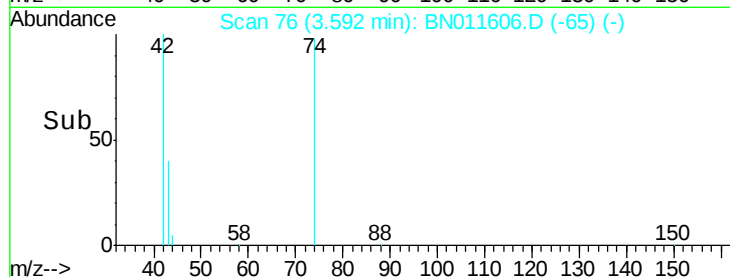
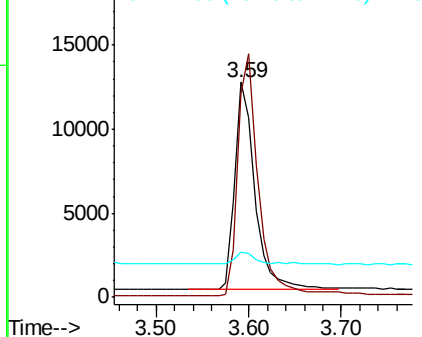
n-Nitrosodimethylamine
 Concen: 12.170 ng
 RT: 3.59 min Scan# 76
 Delta R.T. -0.01 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion: 42 Resp: 18393
 Ion Ratio Lower Upper
 42 100
 74 116.5 0.0 0.0#
 44 7.6 8.2 12.4#



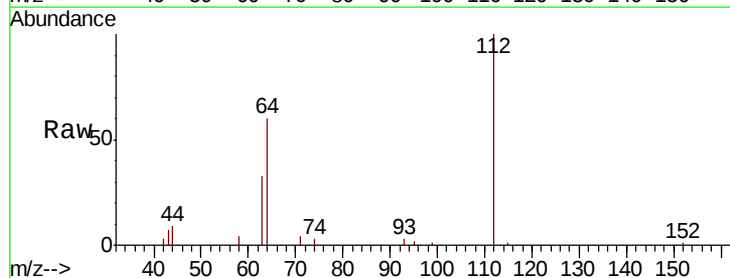
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



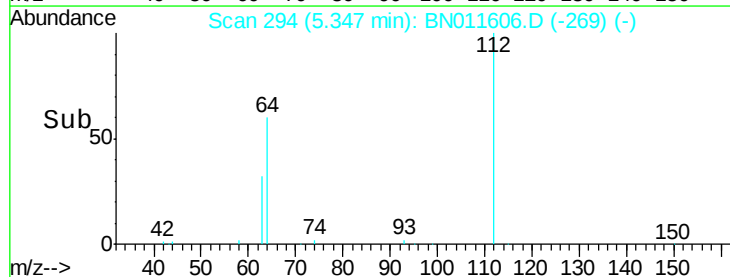
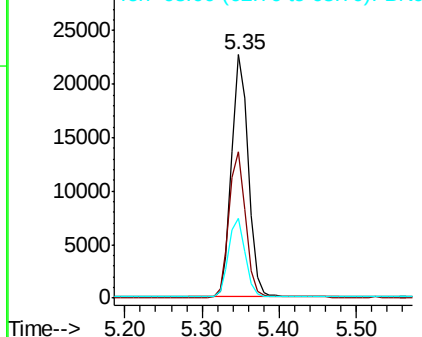
#4

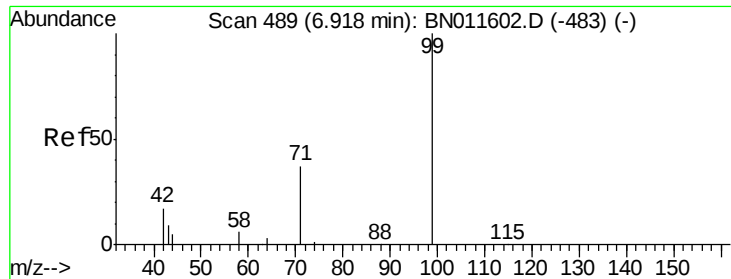
2-Fluorophenol
 Concen: 5.855 ng
 RT: 5.35 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

Tgt Ion: 112 Resp: 33518
 Ion Ratio Lower Upper
 112 100
 64 60.3 49.6 74.4
 63 32.5 26.4 39.6



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: 8.265 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

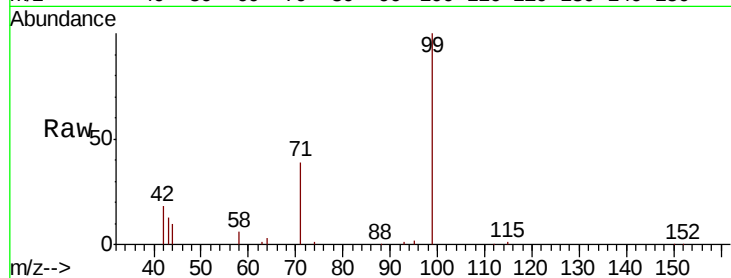
Tot Ion: 99 Resp: 47779

Ion Ratio Lower Upper

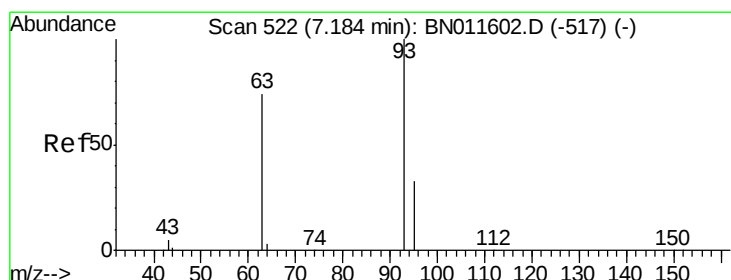
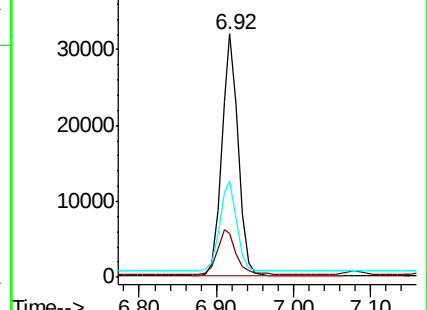
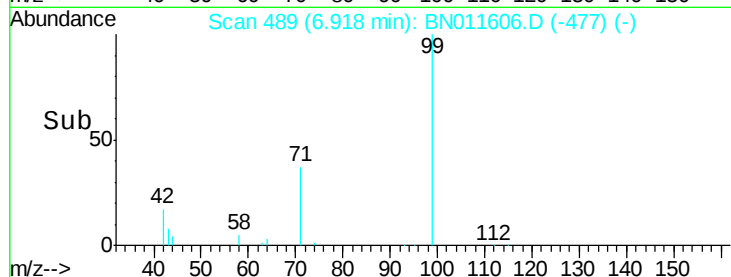
99 100

42 20.3 0.0 0.0#

71 38.2 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011606.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 6.137 ng

RT: 7.18 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

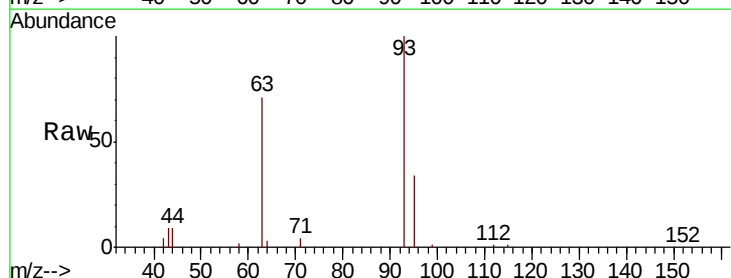
Tgt Ion: 93 Resp: 34691

Ion Ratio Lower Upper

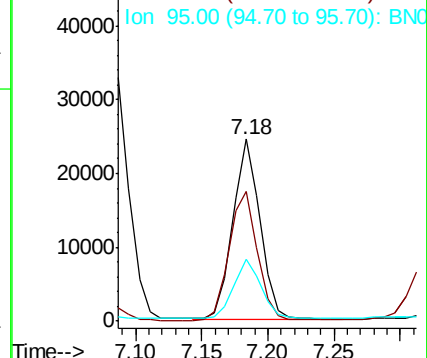
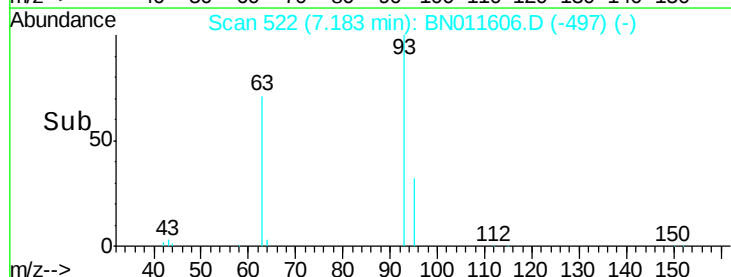
93 100

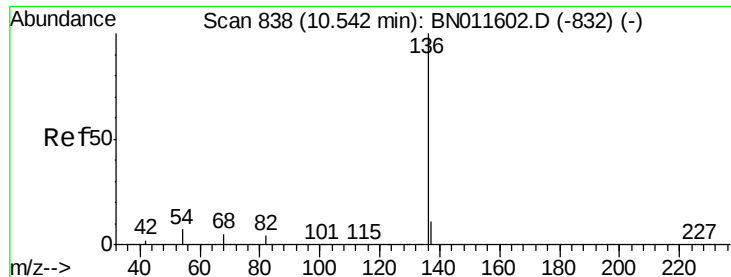
63 74.2 57.8 86.8

95 32.8 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN011606.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 10012

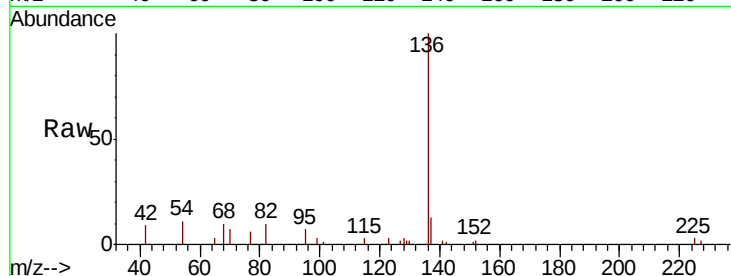
Ion Ratio Lower Upper

136 100

137 12.7 11.5 17.3

54 11.1 11.9 17.9#

68 10.3 12.3 18.5#

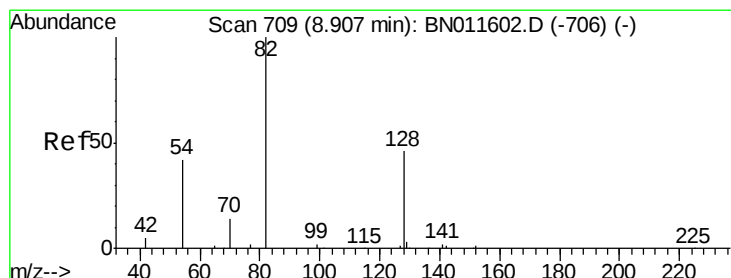
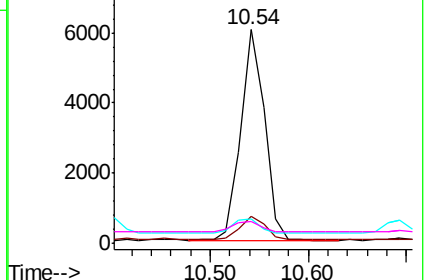
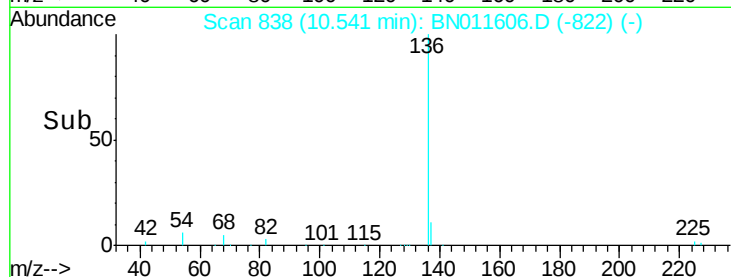


Abundance Ion 136.00 (135.70 to 136.70): E

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: 6.061 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

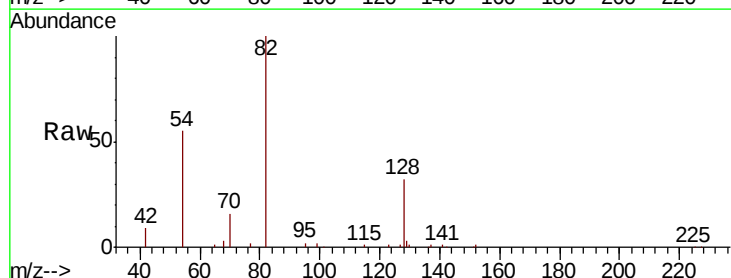
Tgt Ion: 82 Resp: 39889

Ion Ratio Lower Upper

82 100

128 32.0 31.1 46.7

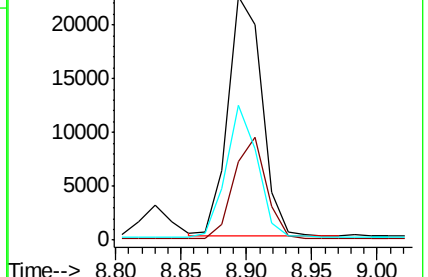
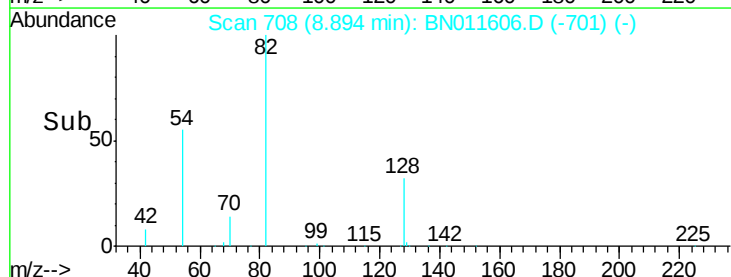
54 55.1 37.1 55.7

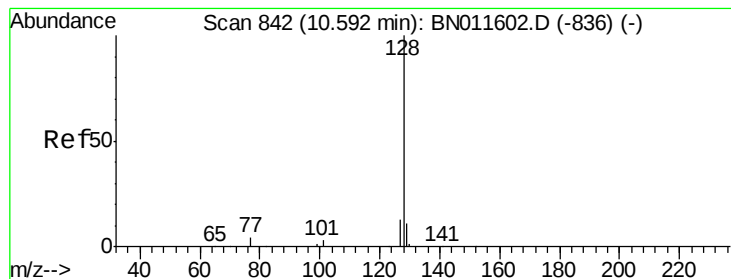


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 4.370 ng

RT: 10.59 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

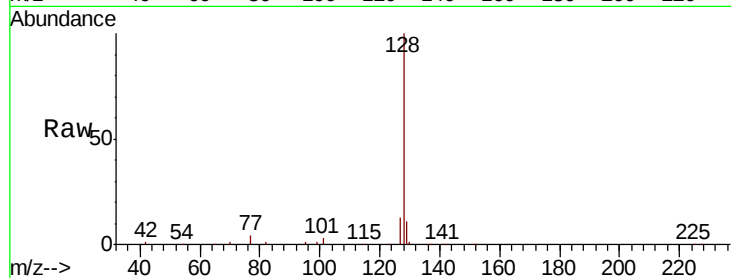
Tot Ion:128 Resp: 126772

Ion Ratio Lower Upper

128 100

129 11.1 11.0 16.4

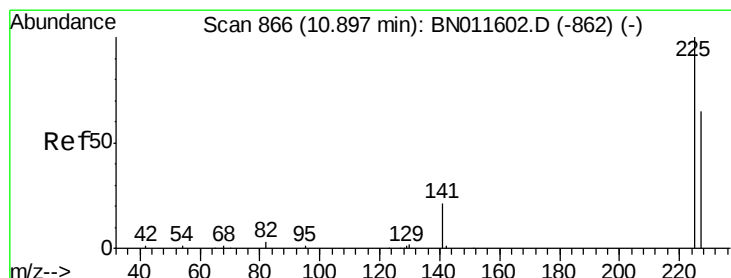
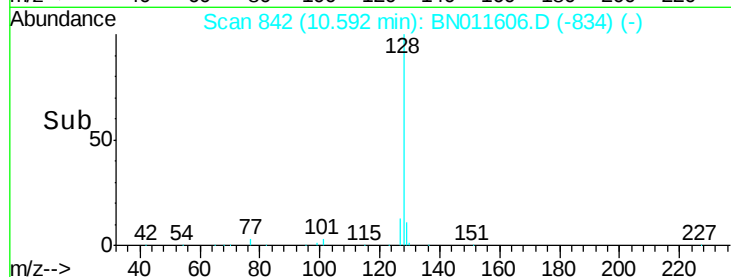
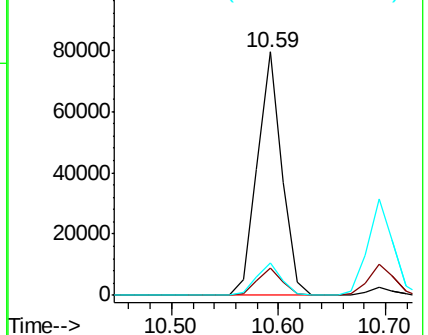
127 13.1 13.5 20.3#



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: 3.258 ng

RT: 10.88 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

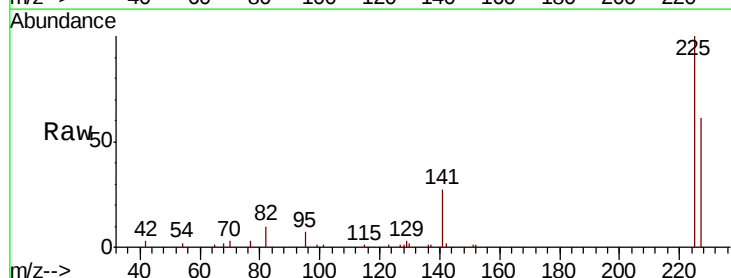
Tgt Ion:225 Resp: 26447

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

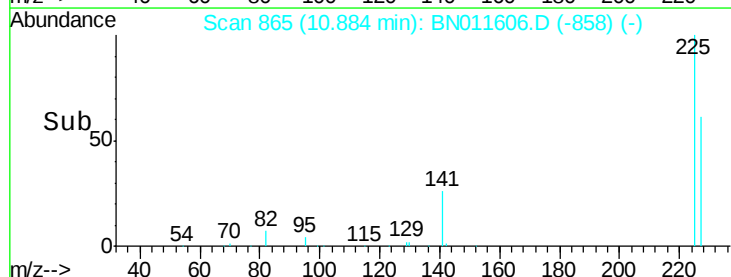
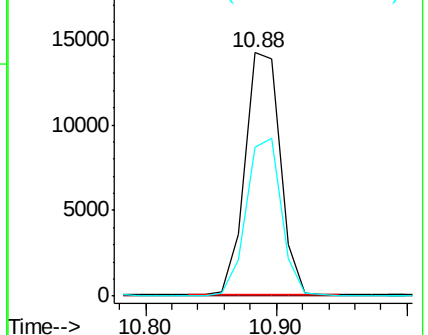
227 63.7 50.2 75.2

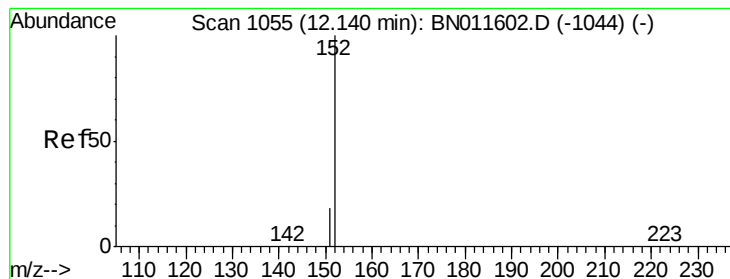


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 4.700 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

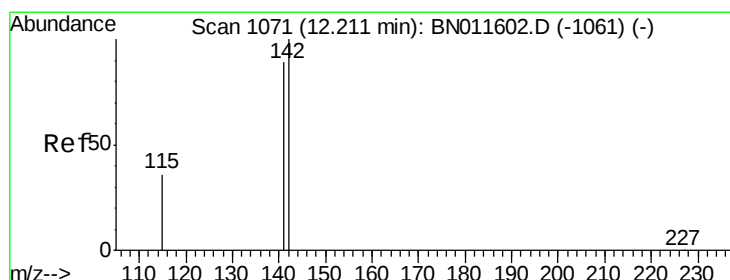
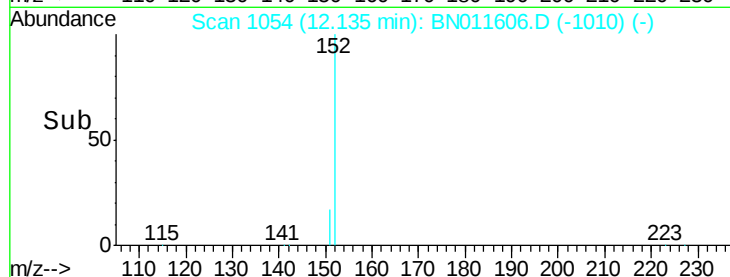
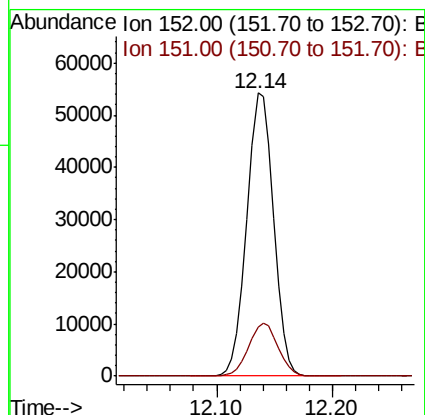
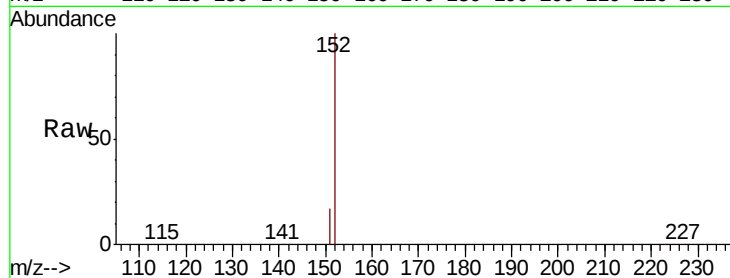
SSTDICC5.0

Tot Ion:152 Resp: 84063

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6



#12

2-Methylnaphthalene

Concen: 4.620 ng

RT: 12.21 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

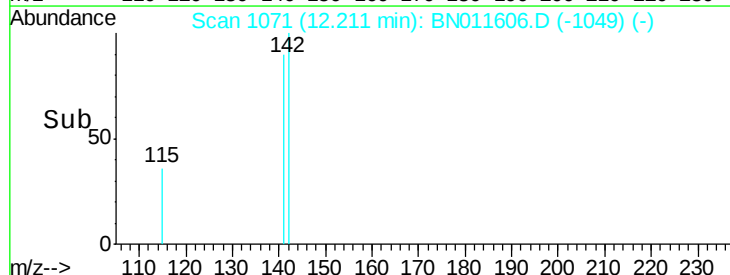
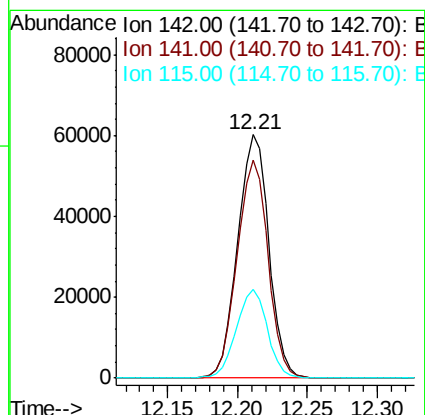
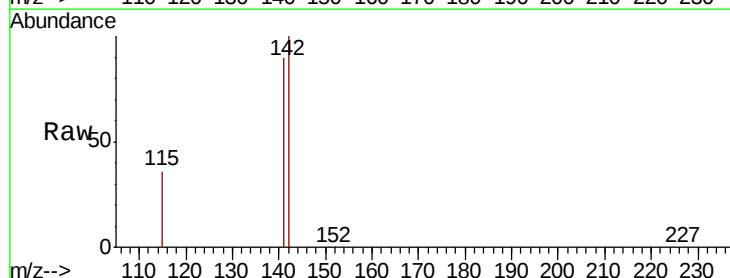
Tgt Ion:142 Resp: 92243

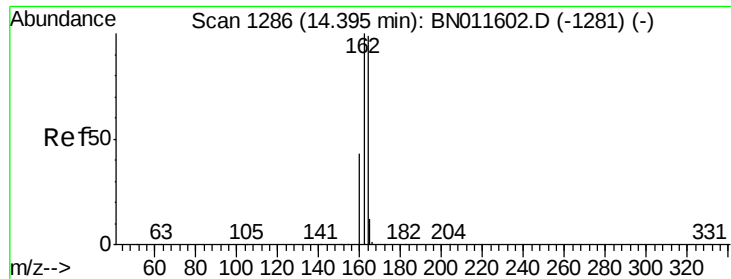
Ion Ratio Lower Upper

142 100

141 89.7 72.7 109.1

115 36.3 32.7 49.1

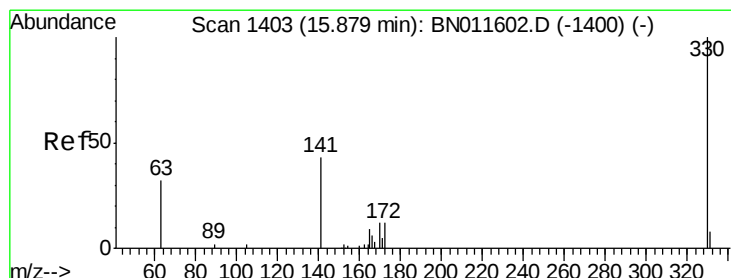
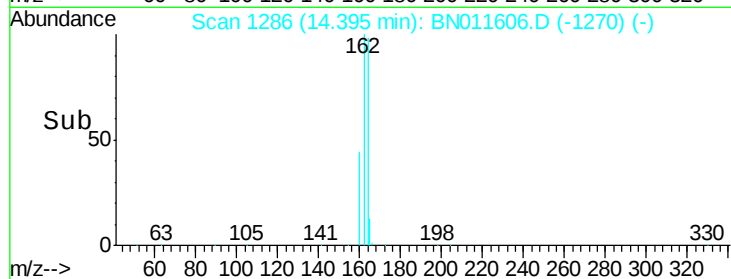
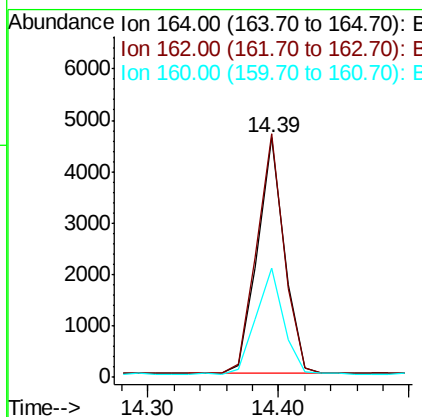
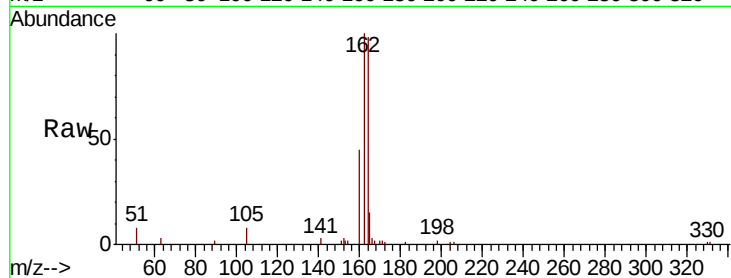




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.39 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

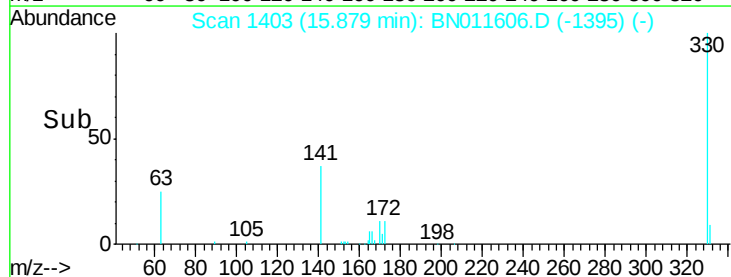
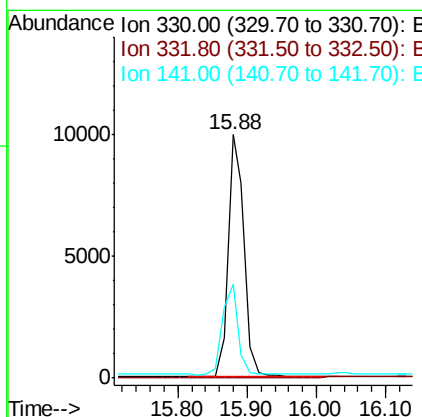
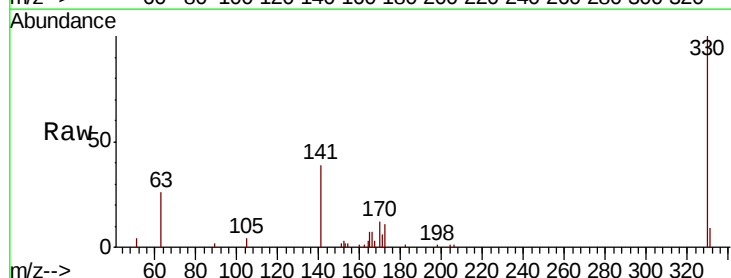
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

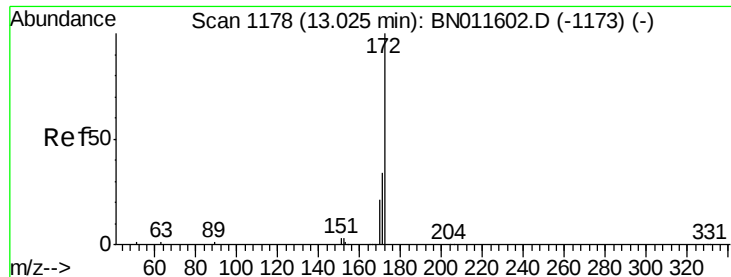
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.8	121.2
160	45.4	35.6	53.4



#14
 2,4,6-Tribromophenol
 Concen: 4.938 ng
 RT: 15.88 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.6	29.4	44.2

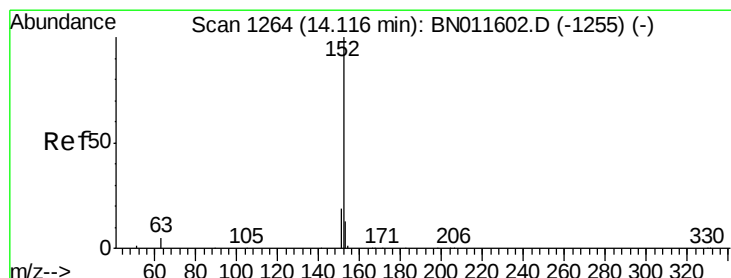
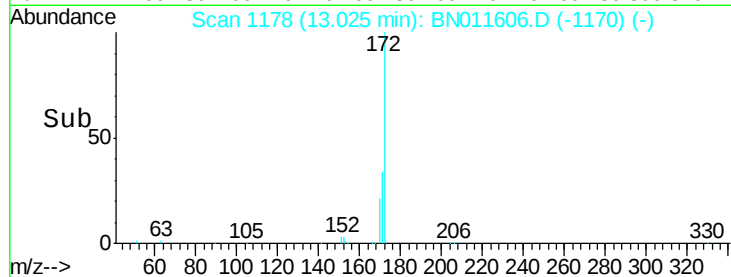
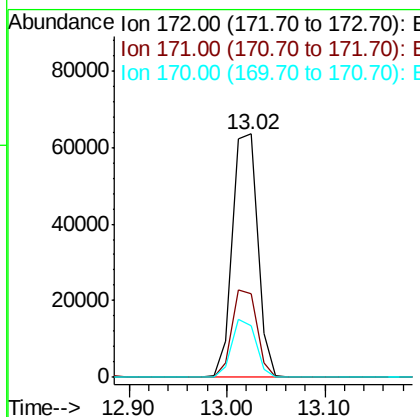
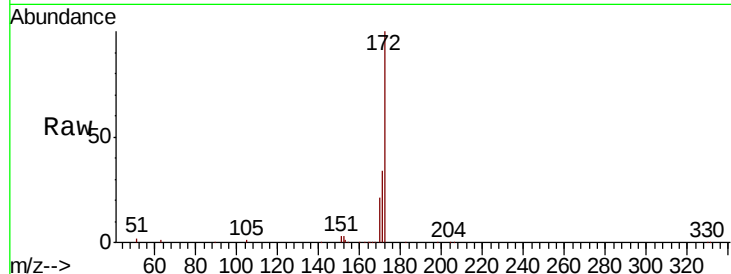




#15
2-Fluorobiphenyl
Concen: 4.130 ng
RT: 13.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

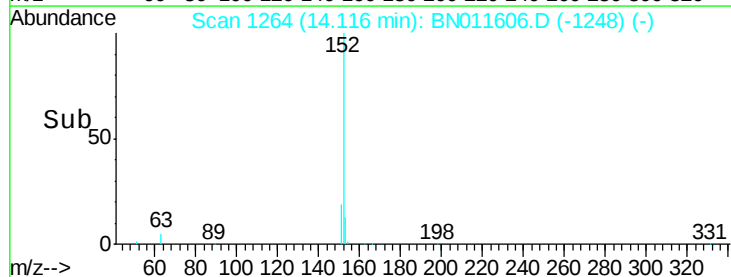
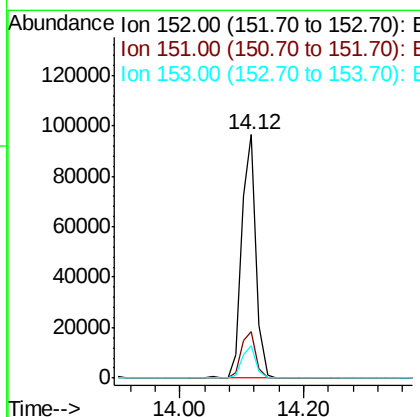
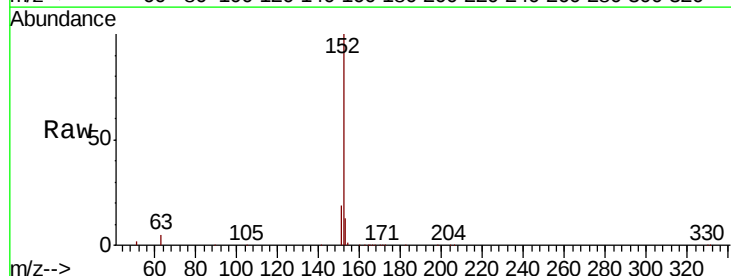
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

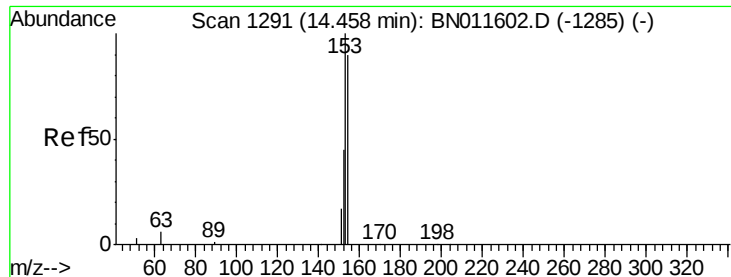
Tot Ion:172 Resp: 111895
Ion Ratio Lower Upper
172 100
171 34.2 28.6 42.8
170 21.4 18.2 27.2



#16
Acenaphthylene
Concen: 4.562 ng
RT: 14.12 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

Tgt Ion:152 Resp: 152843
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.1 11.0 16.4





#17

Acenaphthene

Concen: 4.464 ng

RT: 14.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

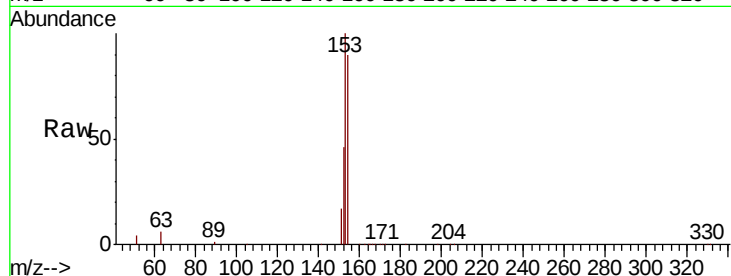
Tot Ion:154 Resp: 98147

Ion Ratio Lower Upper

154 100

153 107.7 86.6 130.0

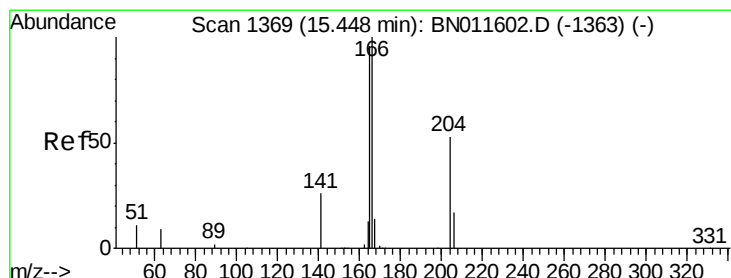
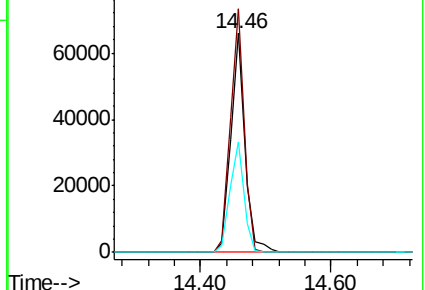
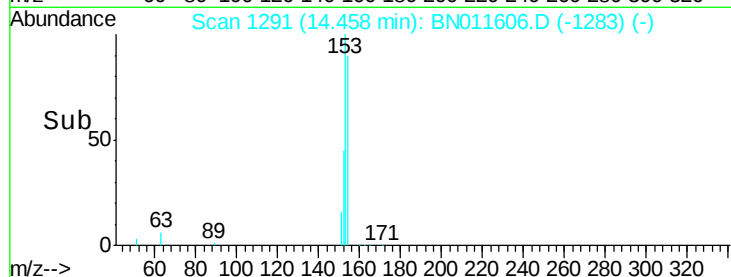
152 49.9 40.1 60.1



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: 4.251 ng

RT: 15.45 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

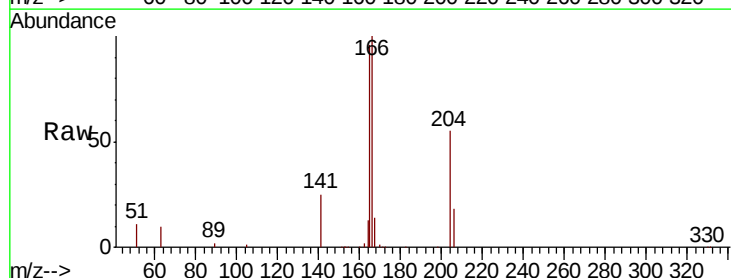
Tgt Ion:166 Resp: 123618

Ion Ratio Lower Upper

166 100

165 97.4 77.4 116.2

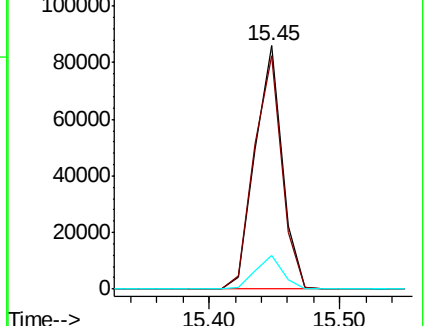
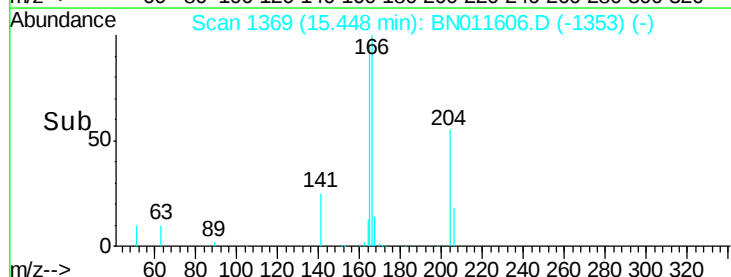
167 13.5 11.5 17.3

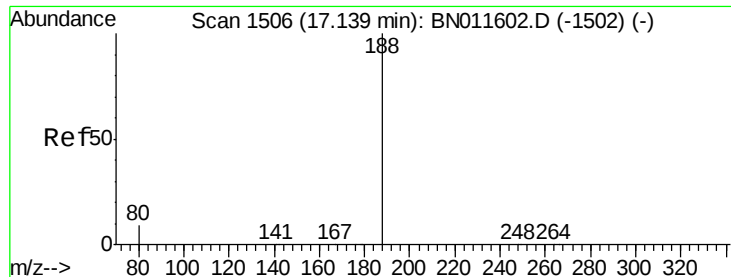


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

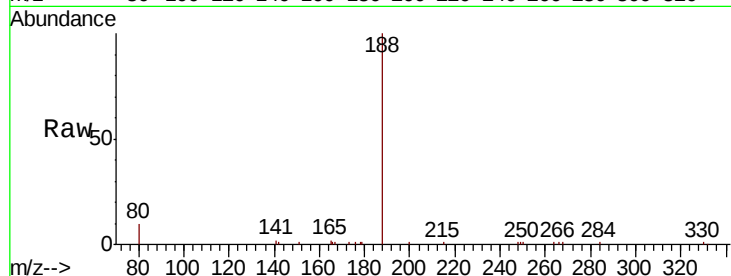
Tot Ion:188 Resp: 14637

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

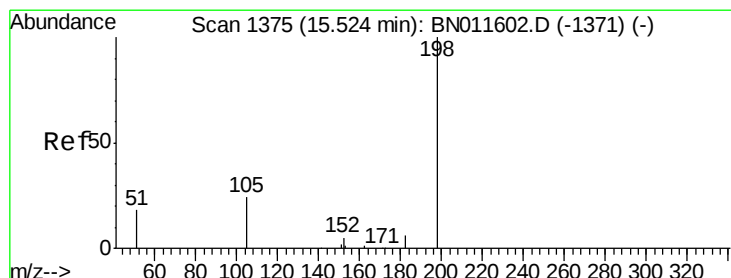
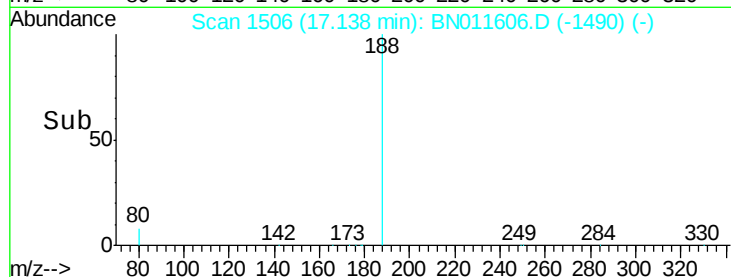
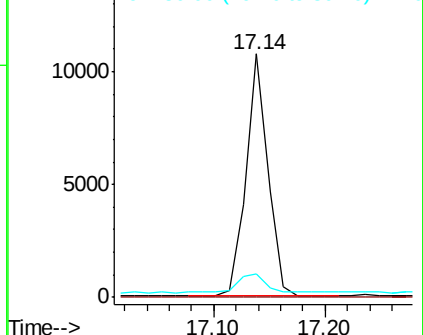
80 9.8 9.2 13.8



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

4,6-Dinitro-2-methylphenol

Concen: 5.060 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

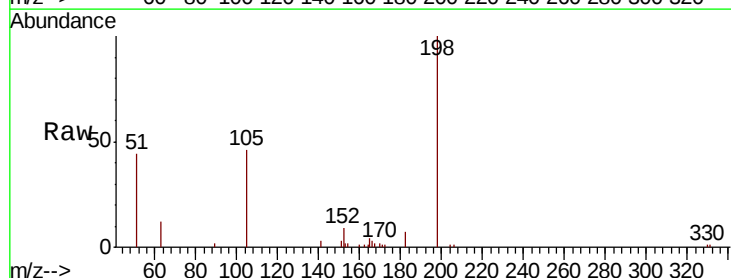
Tgt Ion:198 Resp: 8948

Ion Ratio Lower Upper

198 100

51 43.9 99.6 149.4#

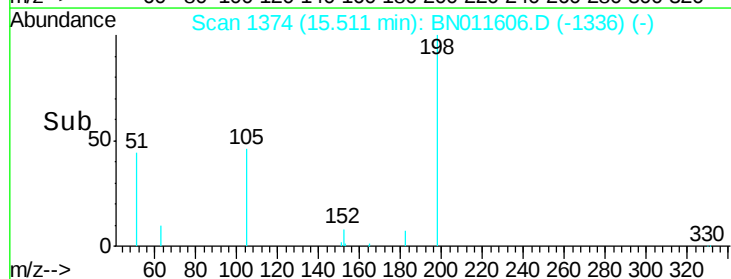
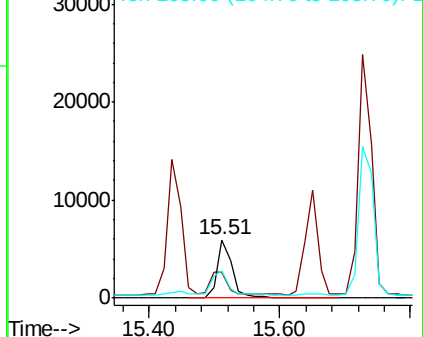
105 46.3 118.8 178.2#

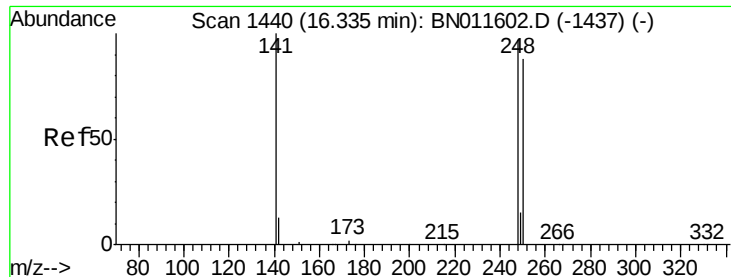


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 11.671 ng

RT: 16.34 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDIC5.0

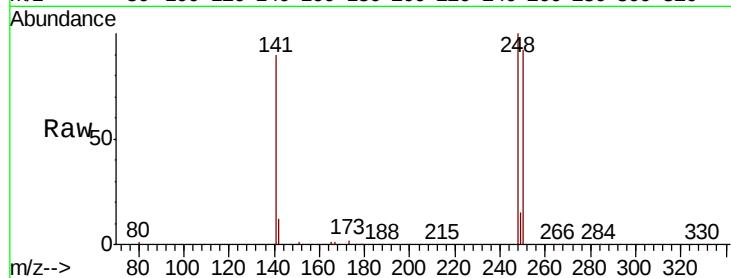
Tot Ion:248 Resp: 37320

Ion Ratio Lower Upper

248 100

250 91.9 73.4 110.2

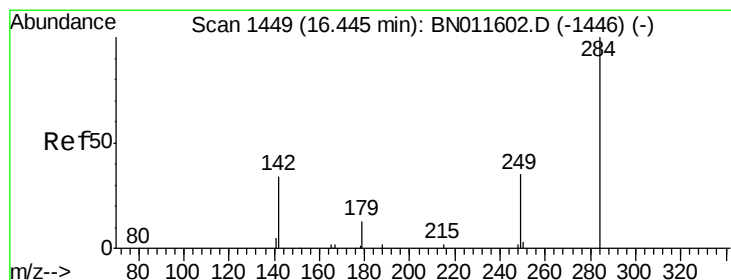
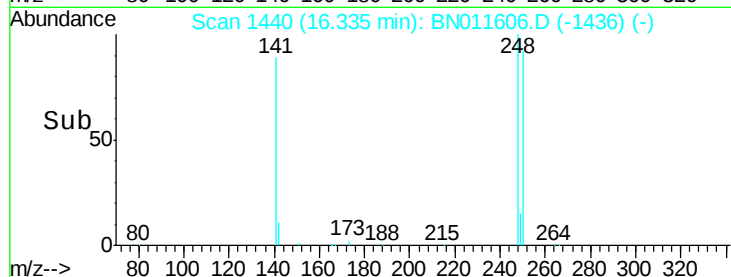
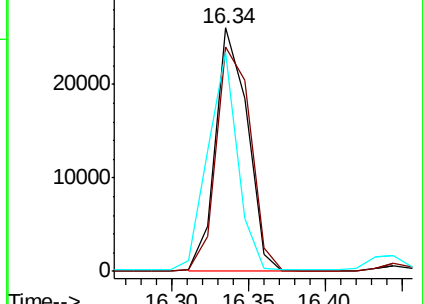
141 89.8 88.5 132.7



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



#22

Hexachlorobenzene

Concen: 3.872 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

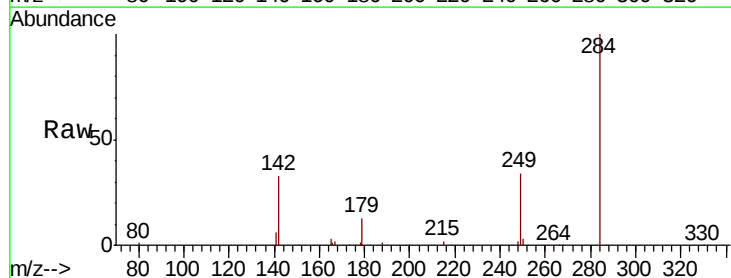
Tgt Ion:284 Resp: 43704

Ion Ratio Lower Upper

284 100

142 33.4 27.3 40.9

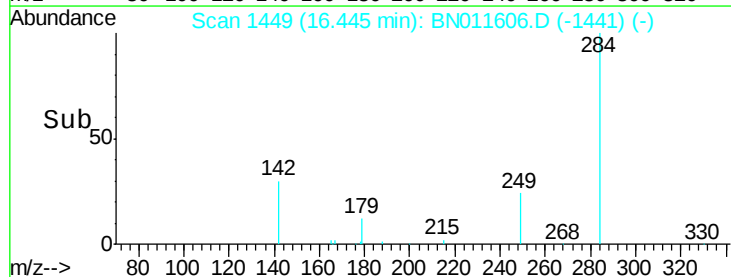
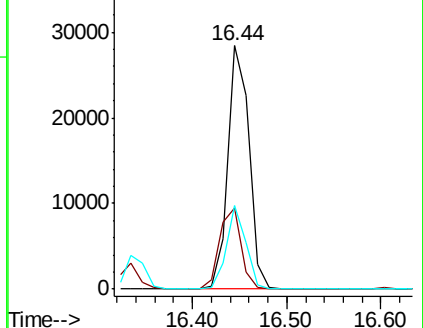
249 31.0 25.2 37.8

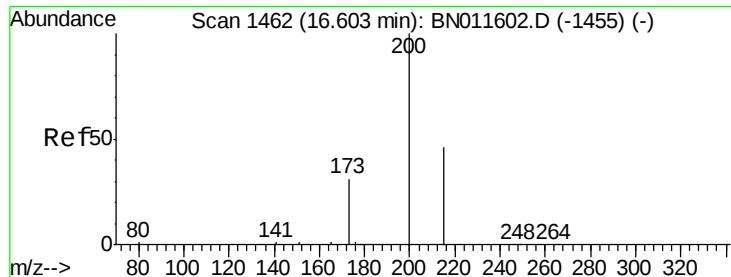


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

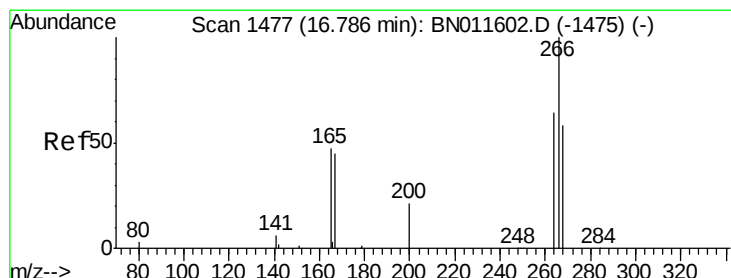
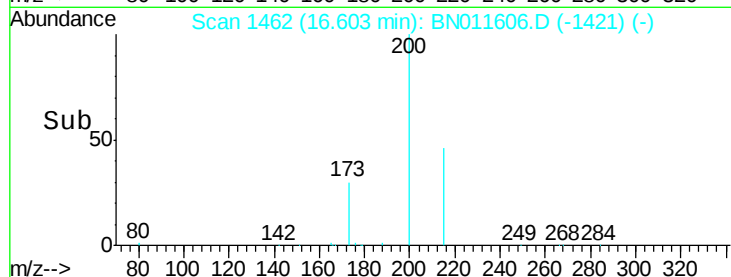
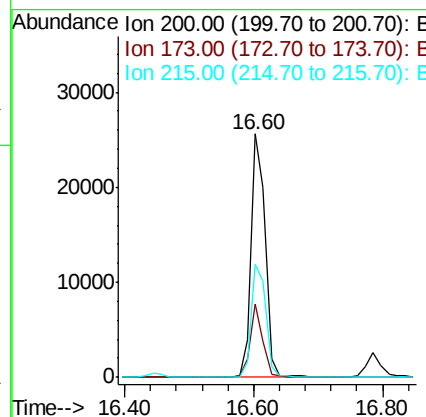
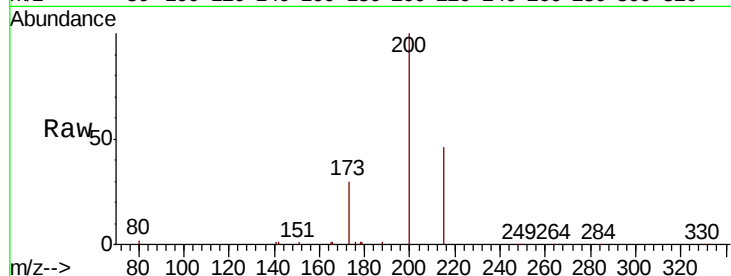




#23
Atrazine
Concen: 4.967 ng
RT: 16.60 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

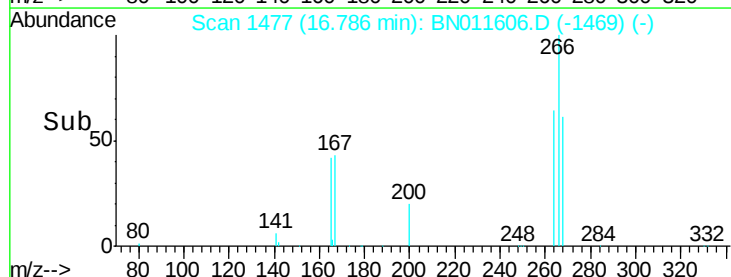
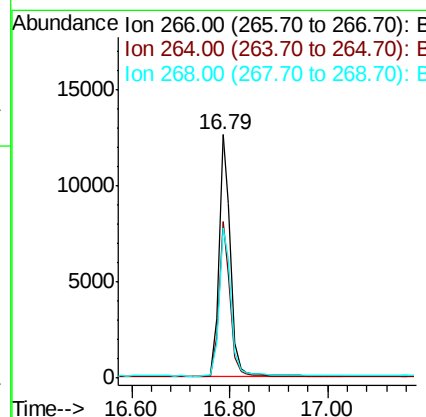
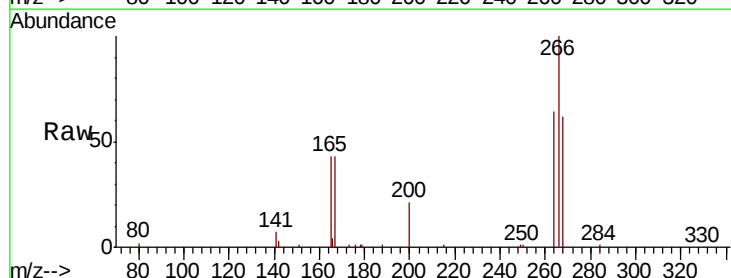
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

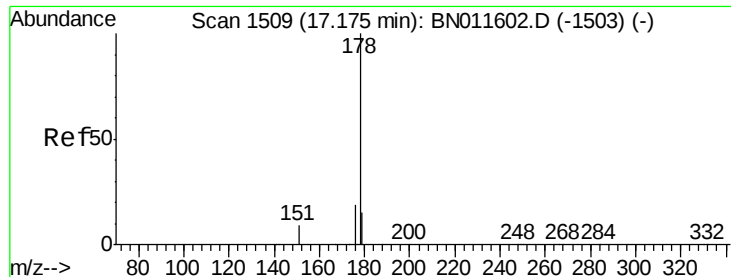
Tot Ion	Ratio	Lower	Upper
200	100		
173	30.3	28.2	42.4
215	46.4	39.8	59.6



#24
Pentachlorophenol
Concen: 5.825 ng
RT: 16.79 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	48.1	72.1
268	63.9	48.4	72.6





#25

Phenanthrene

Concen: 4.313 ng

RT: 17.17 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

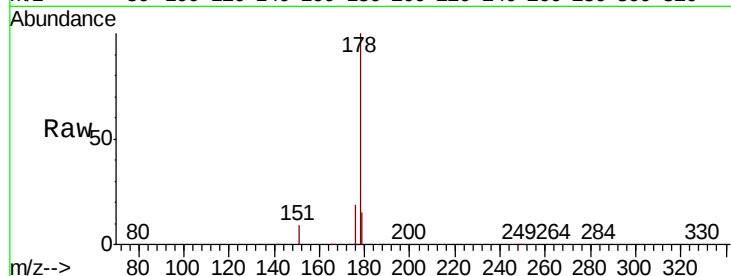
Tot Ion:178 Resp: 198728

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

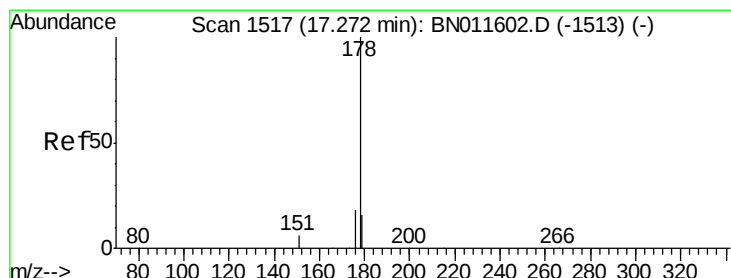
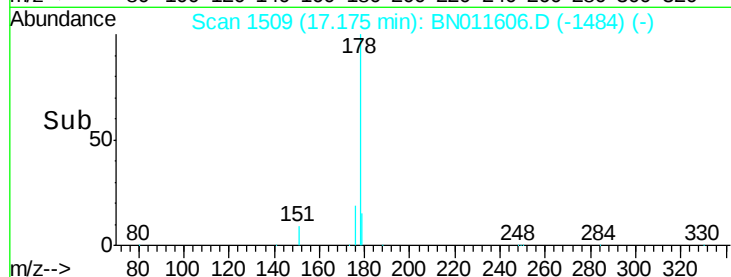
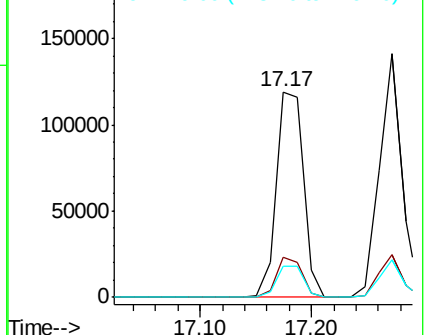
179 15.3 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 5.064 ng

RT: 17.27 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

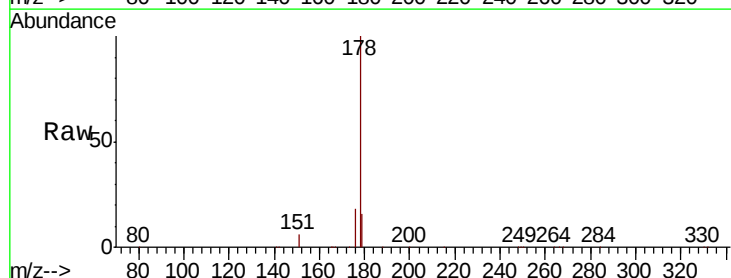
Tgt Ion:178 Resp: 194617

Ion Ratio Lower Upper

178 100

176 17.9 14.6 21.8

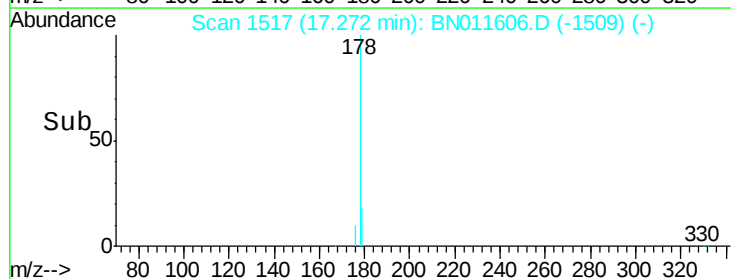
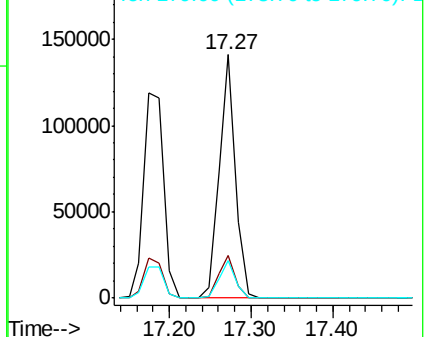
179 15.4 12.5 18.7

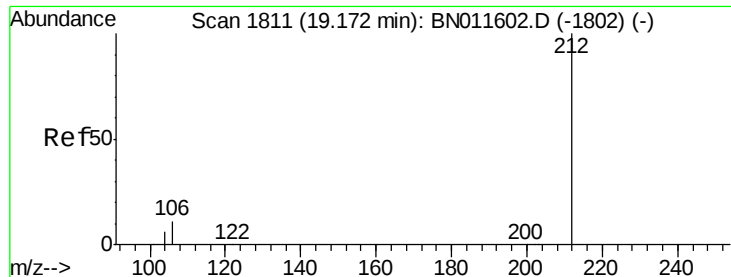


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

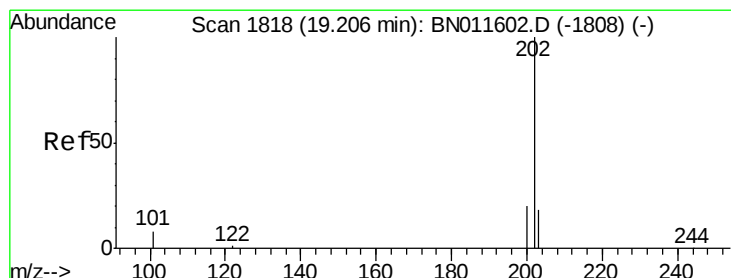
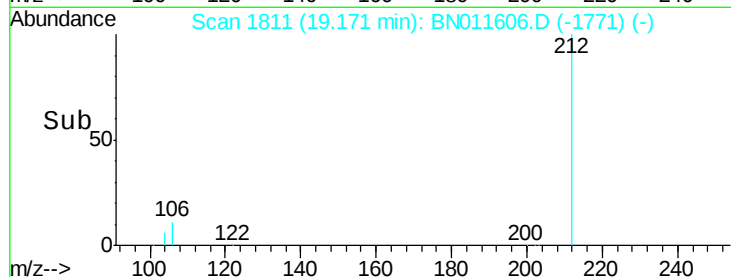
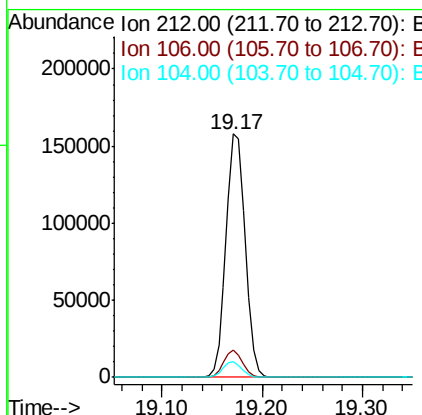
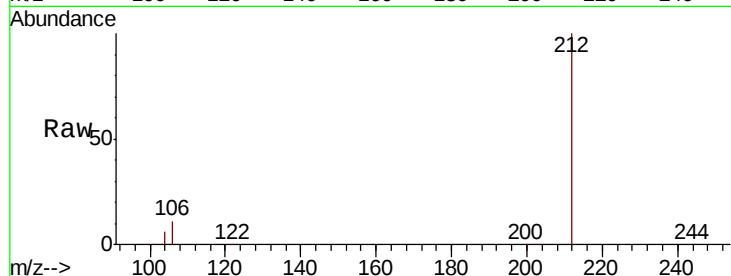




#27
 Fluoranthene-d10
 Concen: 4.217 ng
 RT: 19.17 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

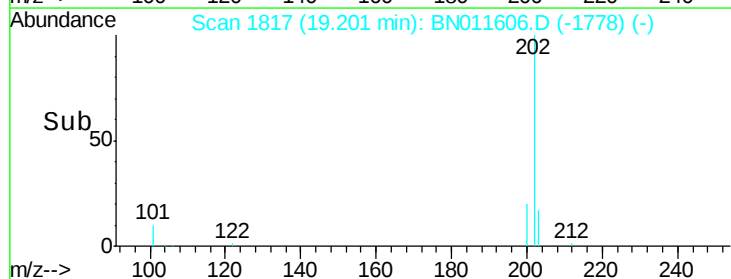
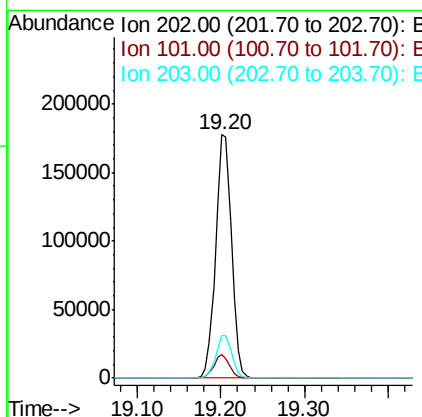
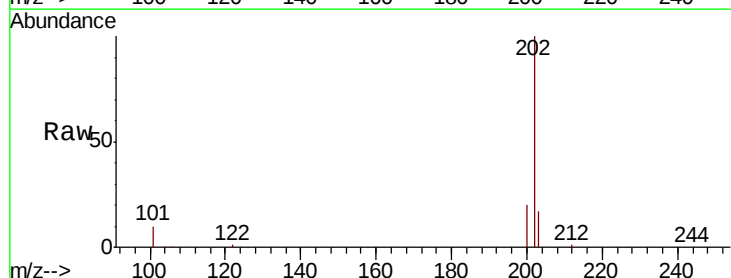
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

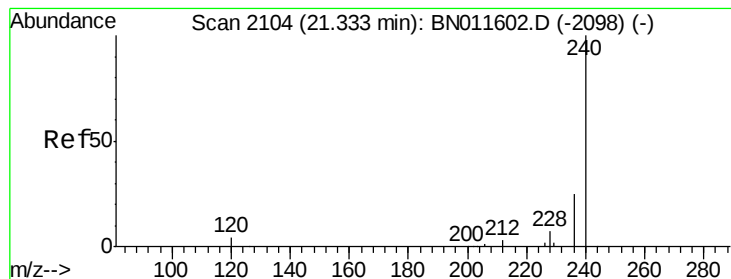
Tot Ion:212 Resp: 208010
 Ion Ratio Lower Upper
 212 100
 106 10.8 8.9 13.3
 104 6.1 5.3 7.9



#28
 Fluoranthene
 Concen: 3.922 ng
 RT: 19.20 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BN011606.D
 Acq: 24 Aug 2020 20:35

Tgt Ion:202 Resp: 232456
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.7 11.5
 203 17.5 13.9 20.9





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

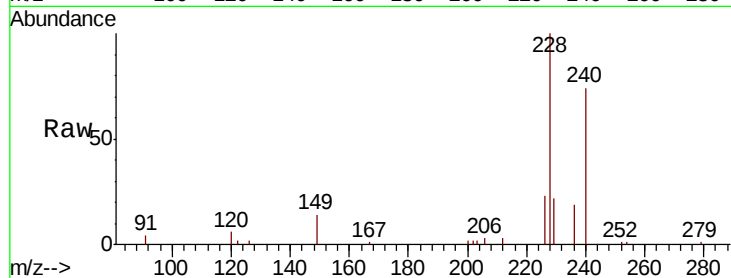
Tot Ion:240 Resp: 15584

Ion Ratio Lower Upper

240 100

120 8.3 6.0 9.0

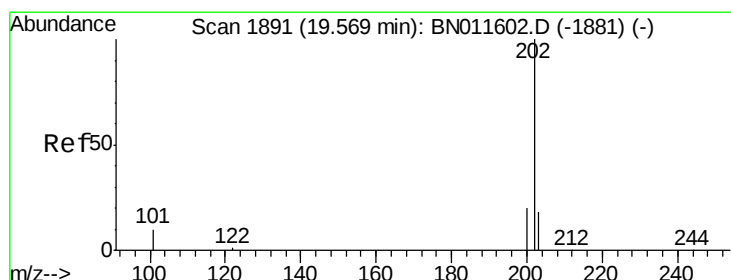
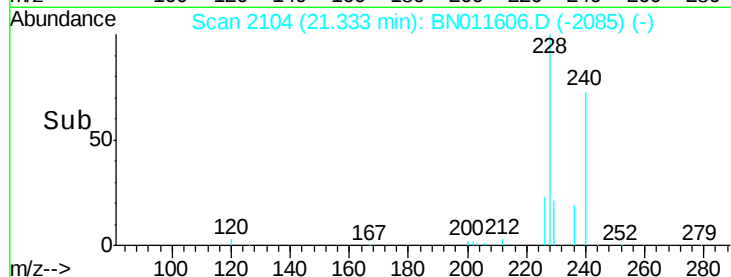
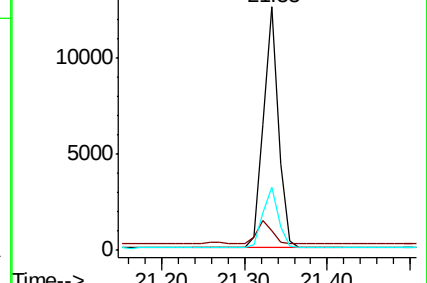
236 26.1 20.8 31.2



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



#30

Pyrene

Concen: 3.844 ng

RT: 19.56 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

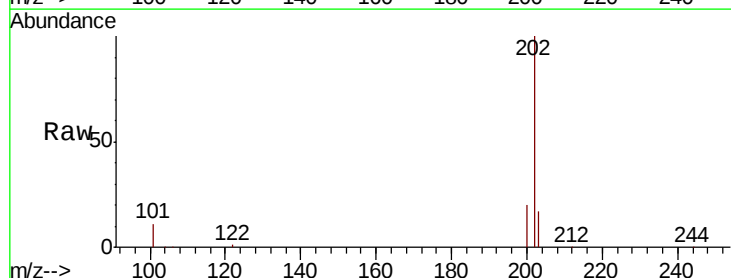
Tgt Ion:202 Resp: 238280

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

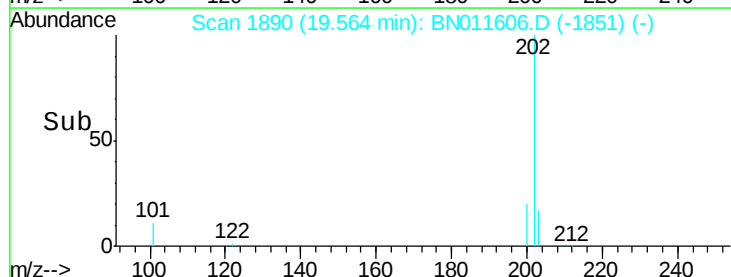
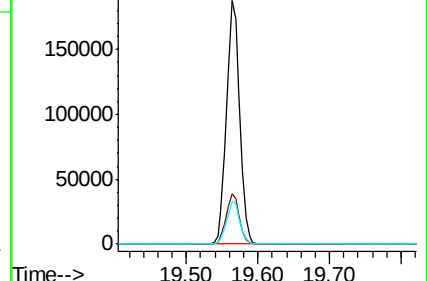
203 17.5 14.2 21.4

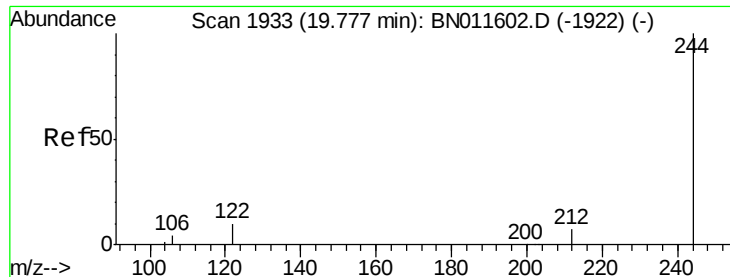


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 4.208 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

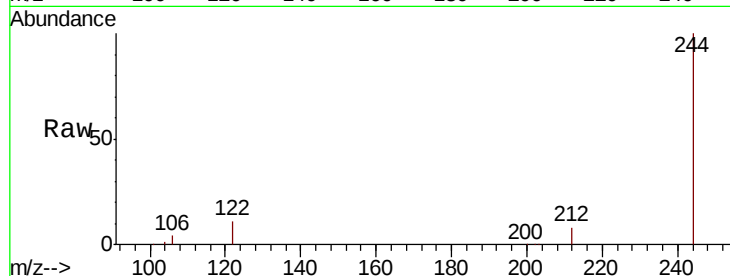
Tot Ion:244 Resp: 171032

Ion Ratio Lower Upper

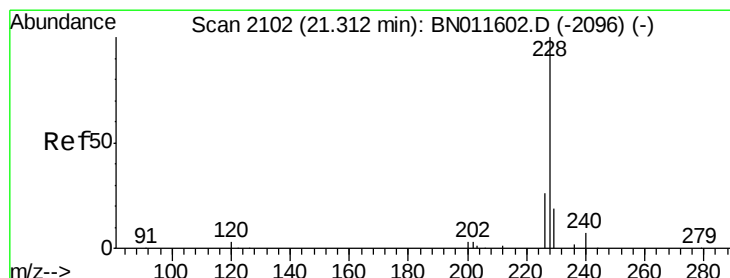
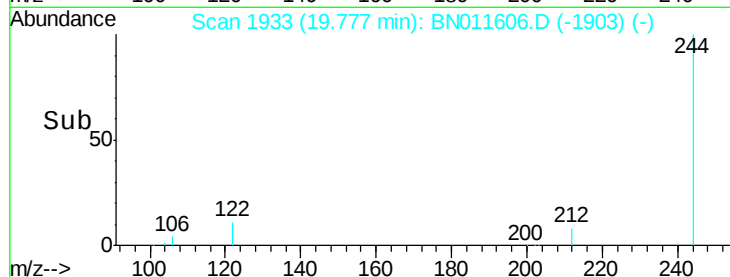
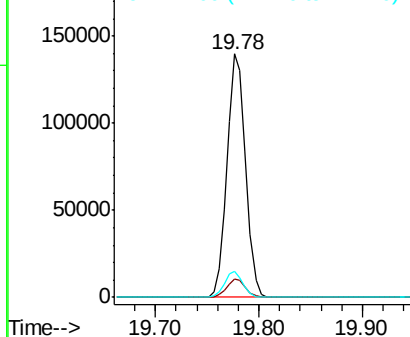
244 100

212 7.6 6.5 9.7

122 10.6 9.5 14.3



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



#32

Benzo(a)anthracene

Concen: 4.694 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

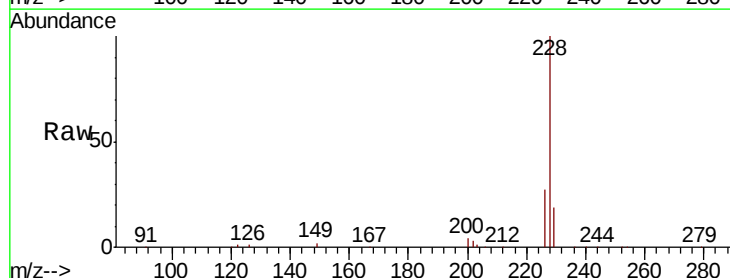
Tgt Ion:228 Resp: 240285

Ion Ratio Lower Upper

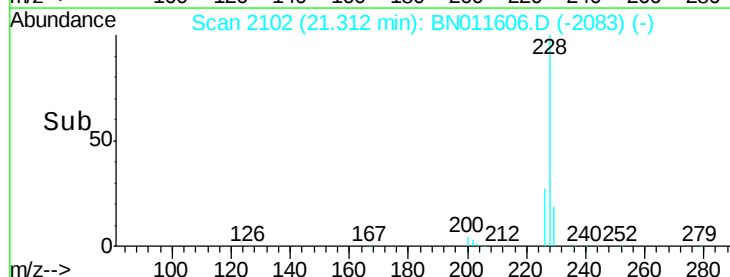
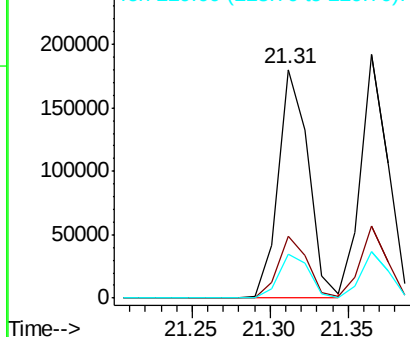
228 100

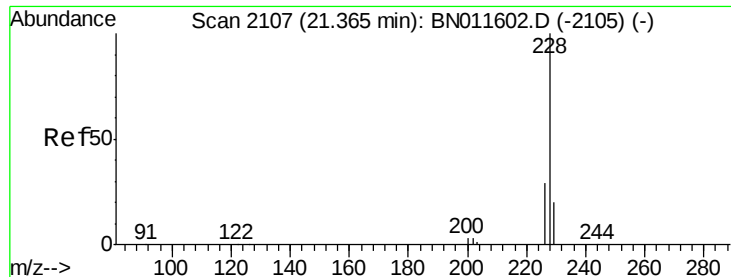
226 27.1 21.2 31.8

229 19.2 15.8 23.8



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





#33

Chrysene

Concen: 3.954 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

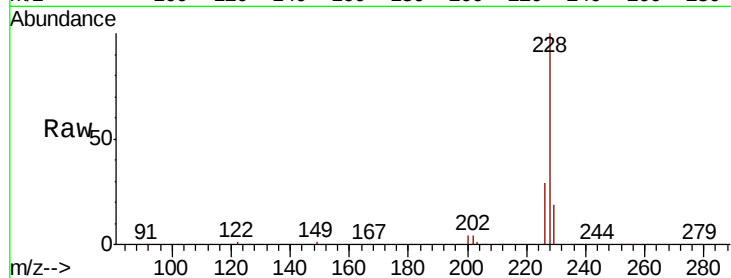
Tot Ion:228 Resp: 230277

Ion Ratio Lower Upper

228 100

226 29.4 23.6 35.4

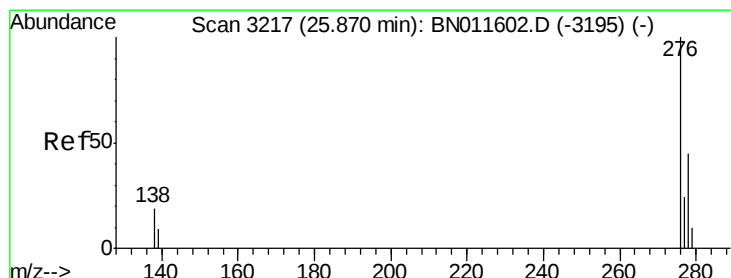
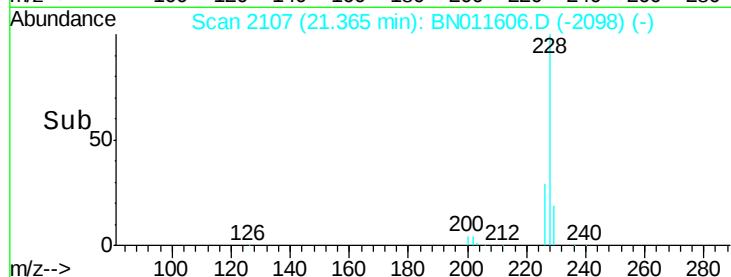
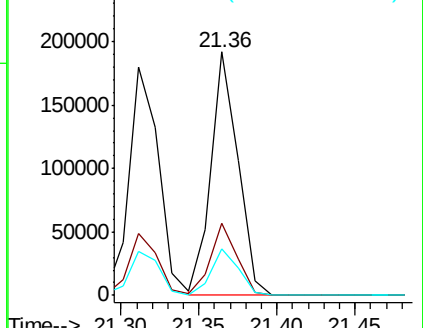
229 19.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#35

Indeno(1,2,3-cd)pyrene

Concen: 5.299 ng

RT: 25.87 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

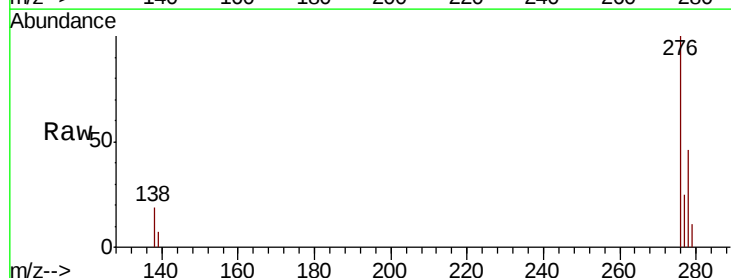
Tgt Ion:276 Resp: 280217

Ion Ratio Lower Upper

276 100

138 20.3 0.0 0.0#

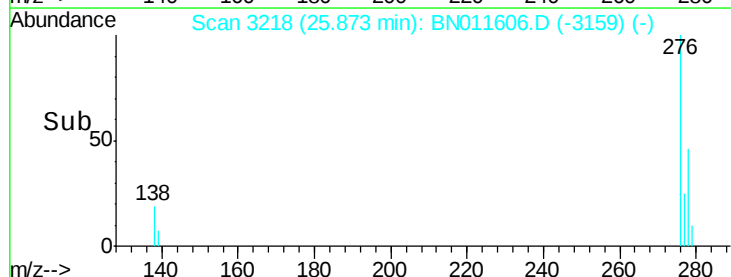
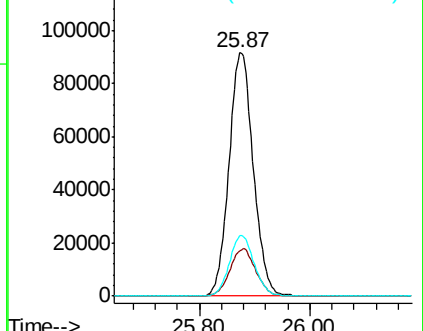
277 25.2 0.0 0.0#

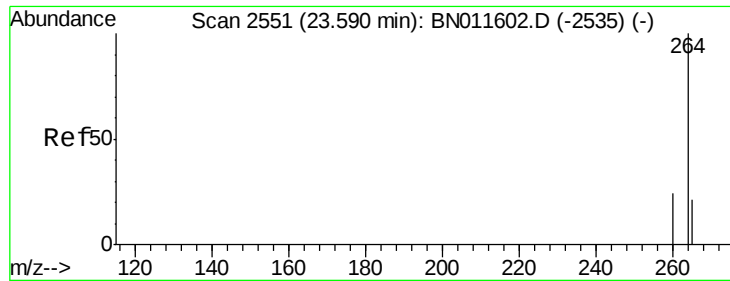


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

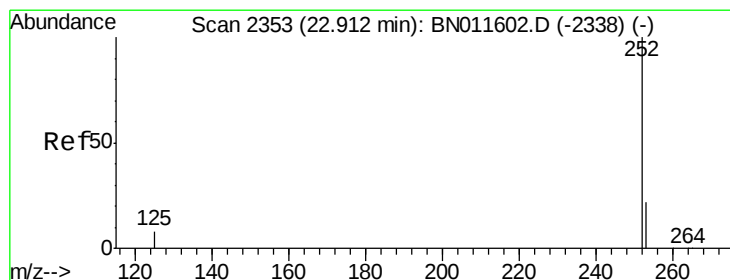
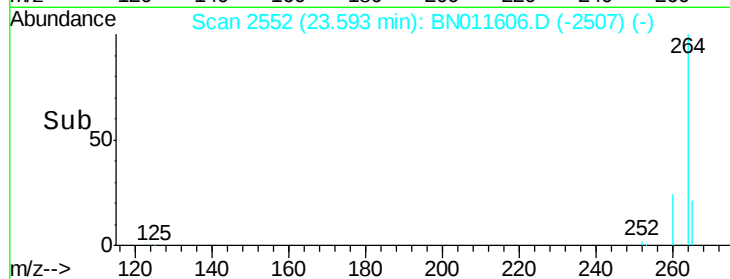
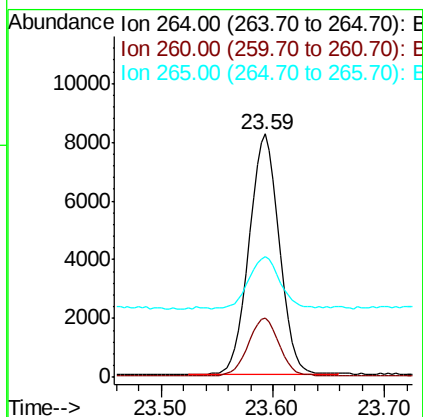
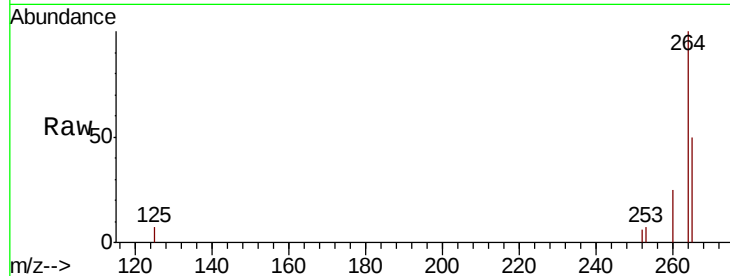




#36
Pervlene-d12
Concen: 0.400 ng
RT: 23.59 min Scan# 2552
Delta R.T. 0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

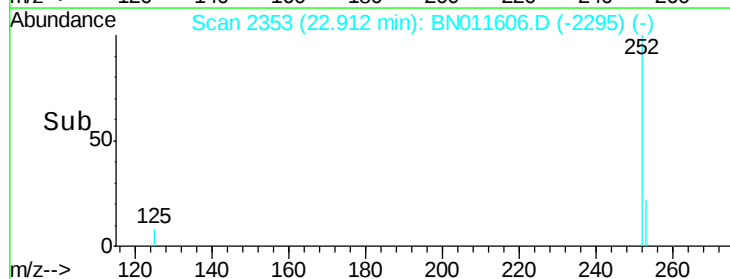
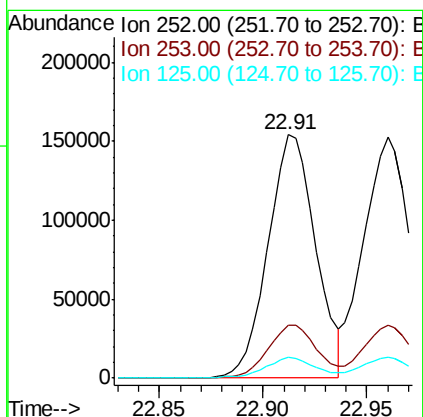
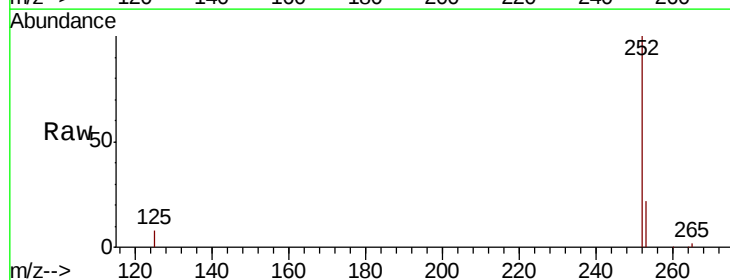
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

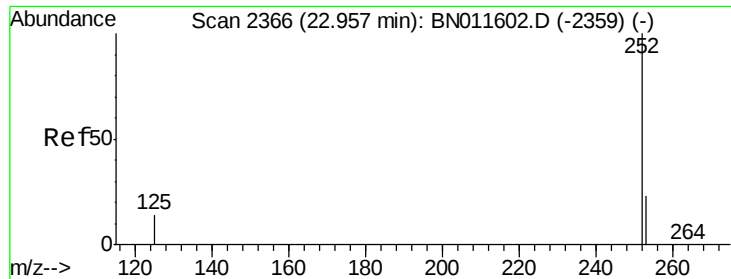
Tot Ion:264 Resp: 15219
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 49.8 40.7 61.1



#37
Benzo(b)fluoranthene
Concen: 4.322 ng
RT: 22.91 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BN011606.D
Acq: 24 Aug 2020 20:35

Tgt Ion:252 Resp: 243188
Ion Ratio Lower Upper
252 100
253 21.8 21.0 31.6
125 8.5 11.0 16.6#





#38

Benzo(k)fluoranthene

Concen: 3.551 ng

RT: 22.96 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

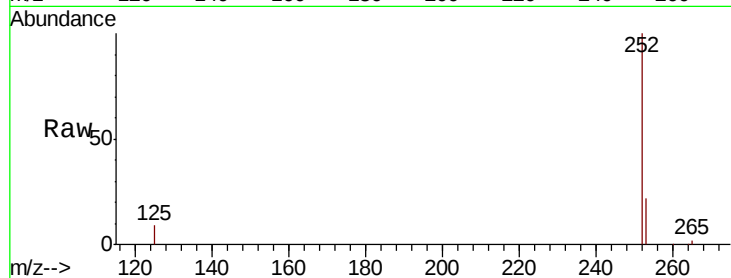
Tot Ion:252 Resp: 238079

Ion Ratio Lower Upper

252 100

253 21.8 21.2 31.8

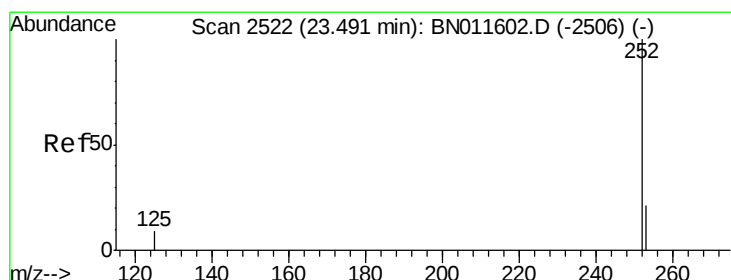
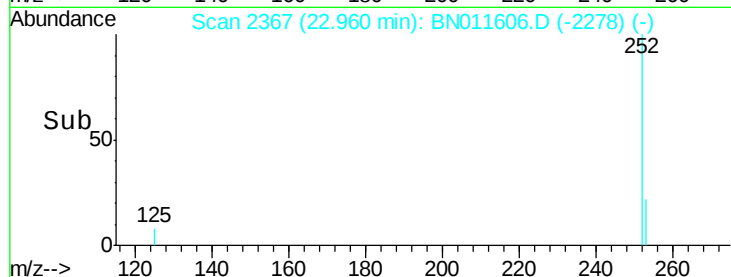
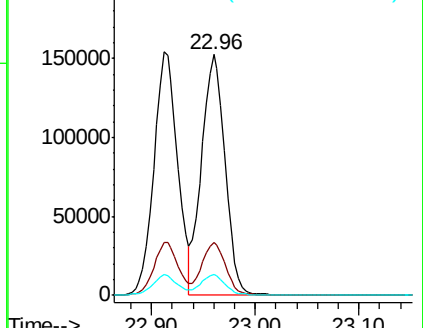
125 8.6 14.6 21.8#



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



#39

Benzo(a)pyrene

Concen: 4.328 ng

RT: 23.49 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

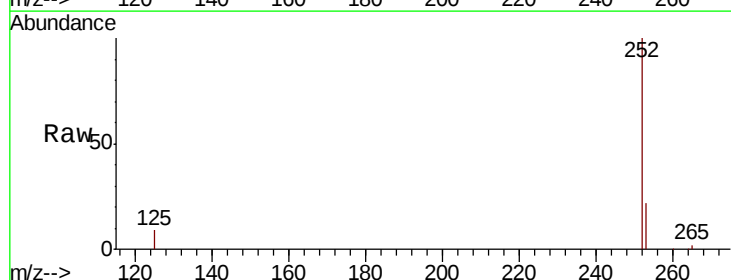
Tgt Ion:252 Resp: 225320

Ion Ratio Lower Upper

252 100

253 22.1 21.2 31.8

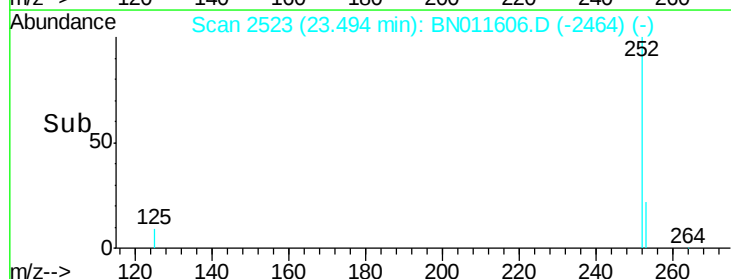
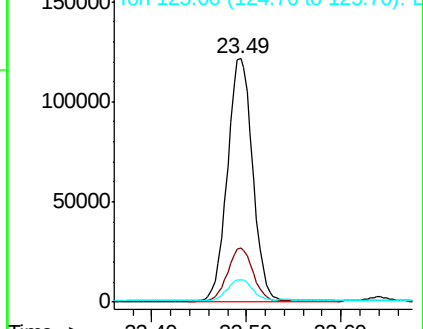
125 9.3 12.1 18.1#

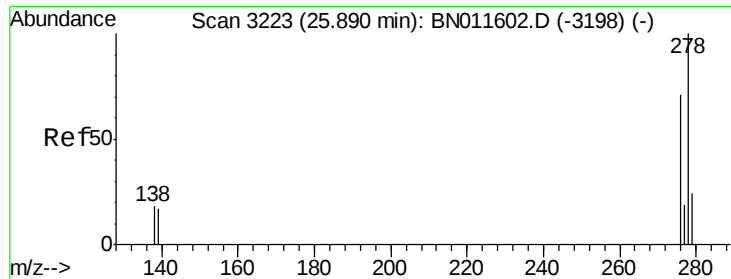


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#40

Dibenzo(a,h)anthracene

Concen: 5.303 ng

RT: 25.89 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

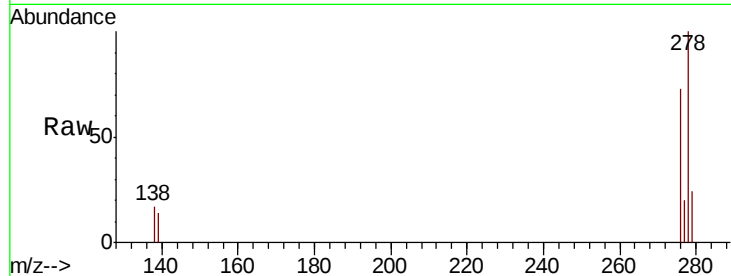
Tot Ion:278 Resp: 230839

Ion Ratio Lower Upper

278 100

139 13.5 16.6 25.0#

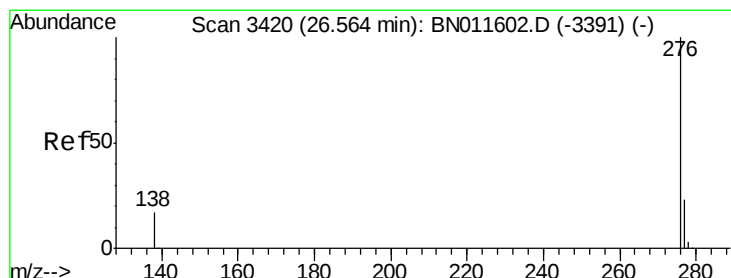
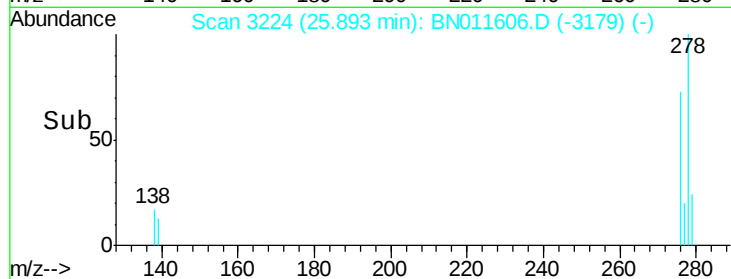
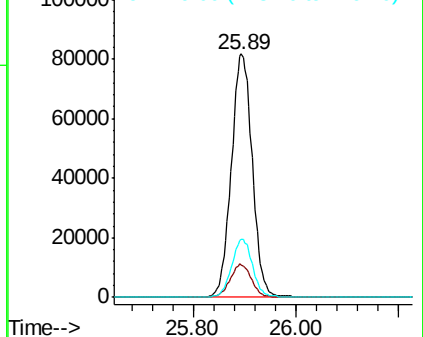
279 23.9 21.4 32.2



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



#41

Benzo(g,h,i)perylene

Concen: 4.352 ng

RT: 26.57 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BN011606.D

Acq: 24 Aug 2020 20:35

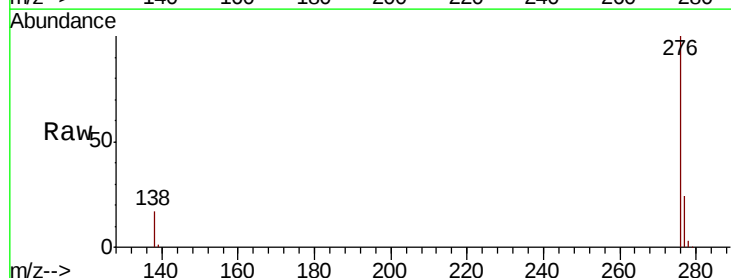
Tgt Ion:276 Resp: 225991

Ion Ratio Lower Upper

276 100

277 24.0 20.5 30.7

138 17.2 17.8 26.6#



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

