

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
 Data File : BN011601.D
 Acq On : 24 Aug 2020 17:34
 Operator : CG/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

Quant Time: Aug 24 18:44:25 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	1902	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	8178	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5490	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	12556	0.40	ng	0.00
29) Chrysene-d12	21.33	240	14064	0.40	ng	0.00
36) Perylene-d12	23.59	264	14065	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	1367	0.34	ng	0.00
5) Phenol-d6	6.92	99	1969	0.48	ng	0.00
8) Nitrobenzene-d5	8.89	82	1518	0.28	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	3459	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	665	0.24	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	4751	0.21	ng	0.00
27) Fluoranthene-d10	19.18	212	9292	0.22	ng	0.00
31) Terphenyl-d14	19.78	244	8086	0.22	ng	0.00

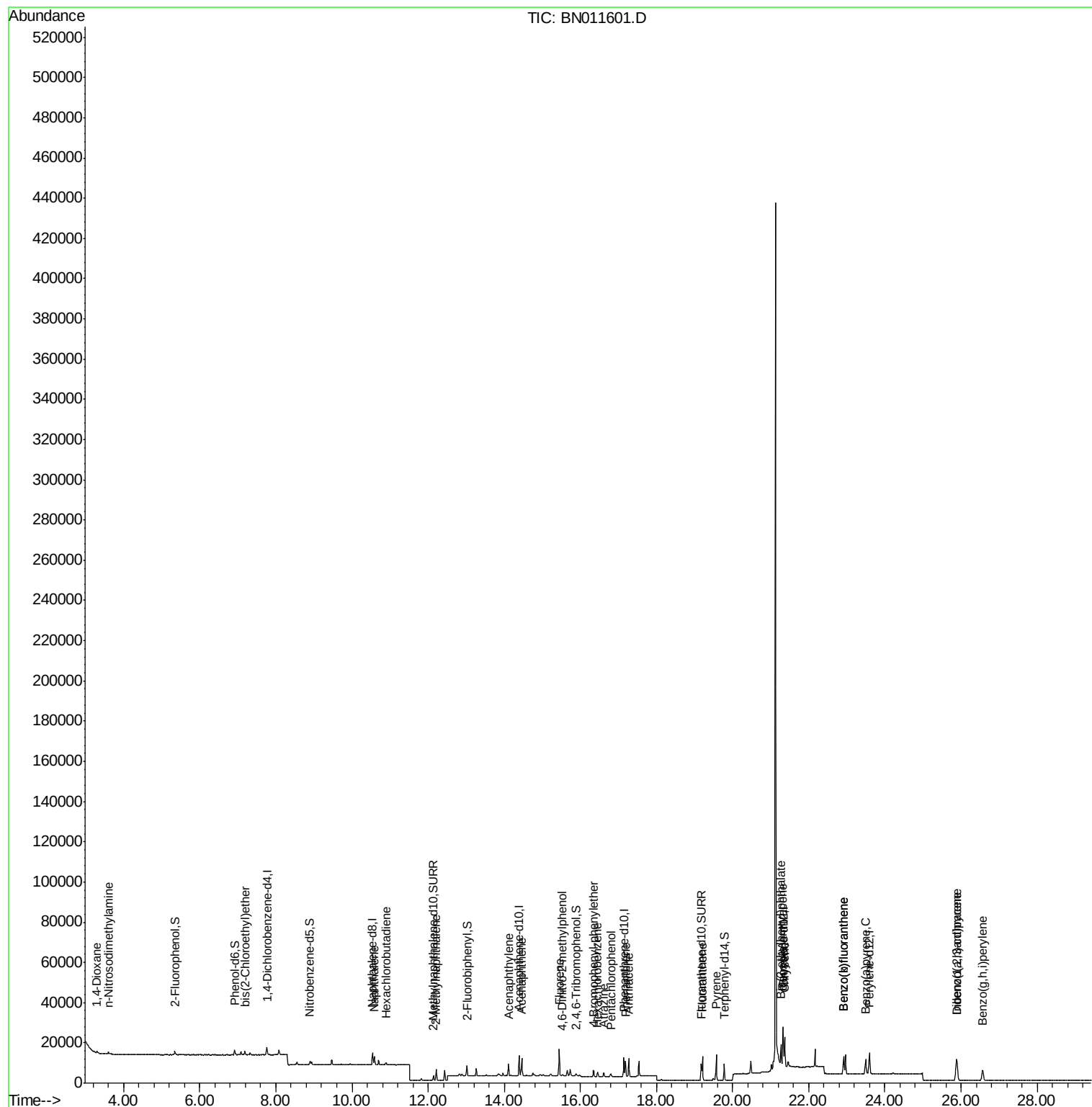
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	700	0.269	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	692	0.646	ng	# 77
6) bis(2-Chloroethyl)ether	7.18	93	1403	0.350	ng	97
9) Naphthalene	10.59	128	5064	0.214	ng	# 90
10) Hexachlorobutadiene	10.90	225	1043	0.157	ng	# 98
12) 2-Methylnaphthalene	12.21	142	3833	0.235	ng	96
16) Acenaphthylene	14.12	152	6370	0.228	ng	99
17) Acenaphthene	14.46	154	4088	0.223	ng	98
18) Fluorene	15.45	166	5316	0.219	ng	99
20) 4,6-Dinitro-2-methylphenol	15.52	198	275	0.181	ng	# 38
21) 4-Bromophenyl-phenylether	16.35	248	1643	0.599	ng	# 66
22) Hexachlorobenzene	16.44	284	1893	0.196	ng	97
23) Atrazine	16.60	200	1723	0.264	ng	96
24) Pentachlorophenol	16.80	266	832	0.276	ng	99
25) Phenanthrene	17.19	178	8701	0.220	ng	99
26) Anthracene	17.27	178	8681	0.263	ng	99
28) Fluoranthene	19.21	202	10788	0.212	ng	100
30) Pyrene	19.57	202	11326	0.202	ng	100
32) Benzo(a)anthracene	21.31	228	11613	0.251	ng	97
33) Chrysene	21.36	228	11109	0.211	ng	99
34) Bis(2-ethylhexyl)phthalate	21.27	149	8790	0.383	ng	98
35) Indeno(1,2,3-cd)pyrene	25.87	276	13741	0.288	ng	# 100
37) Benzo(b)fluoranthene	22.92	252	11226	0.216	ng	# 93
38) Benzo(k)fluoranthene	22.92	252	11226	0.181	ng	97
39) Benzo(a)pyrene	23.49	252	10660	0.222	ng	# 89
40) Dibenzo(a,h)anthracene	25.90	278	11377	0.283	ng	95
41) Benzo(g,h,i)perylene	26.57	276	11042	0.230	ng	# 93

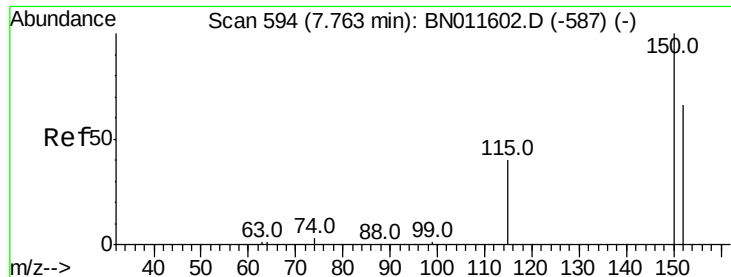
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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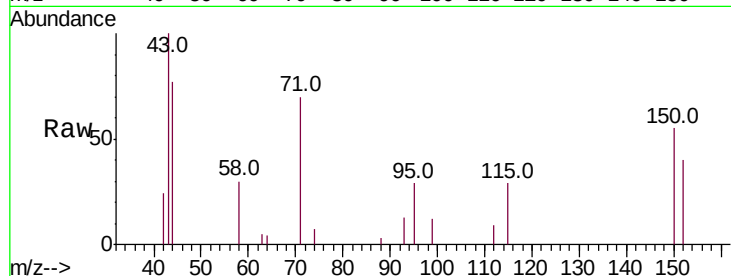


#1

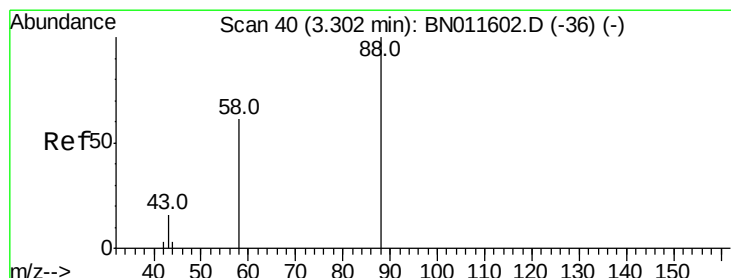
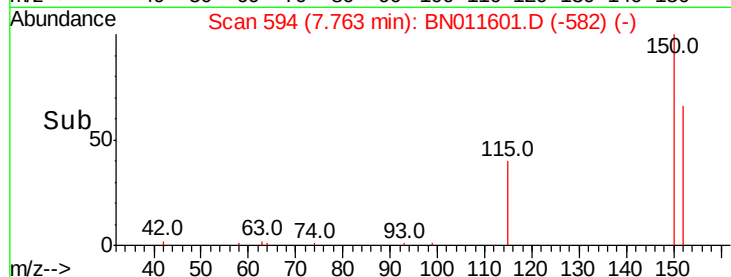
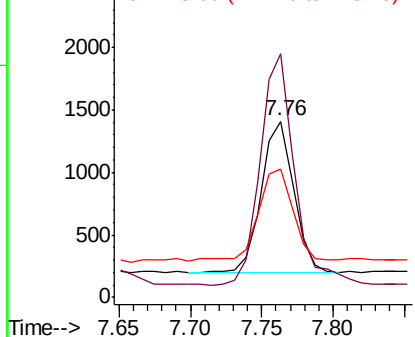
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN011601.D
Acq: 24 Aug 2020 17:34

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

Tot Ion:152 Resp: 1902
Ion Ratio Lower Upper
152 100
150 138.4 112.4 168.6
115 73.0 56.9 85.3



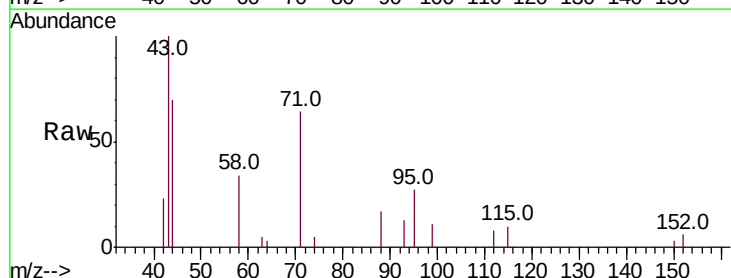
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



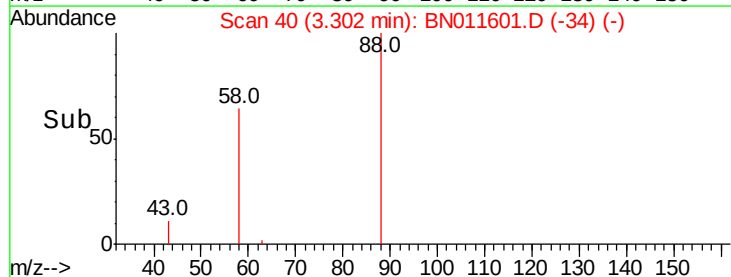
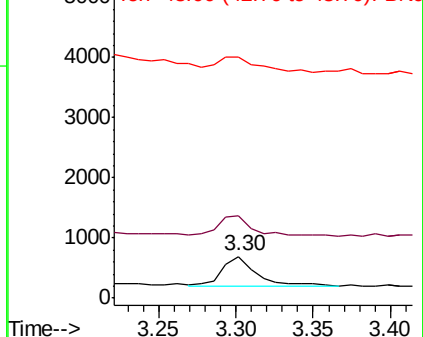
#2

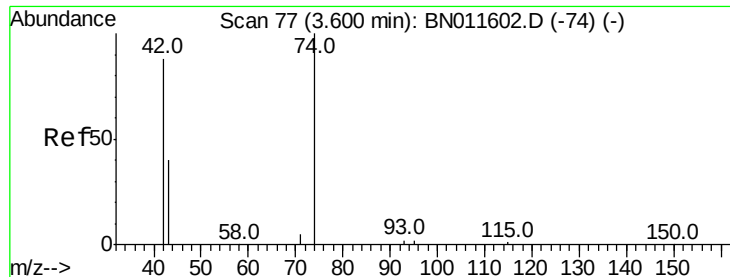
1,4-Dioxane
Concen: 0.269 ng
RT: 3.30 min Scan# 40
Delta R.T. -0.00 min
Lab File: BN011601.D
Acq: 24 Aug 2020 17:34

Tgt Ion: 88 Resp: 700
Ion Ratio Lower Upper
88 100
58 71.1 3.0 4.4#
43 69.4 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: 0.646 ng

RT: 3.60 min Scan# 77

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

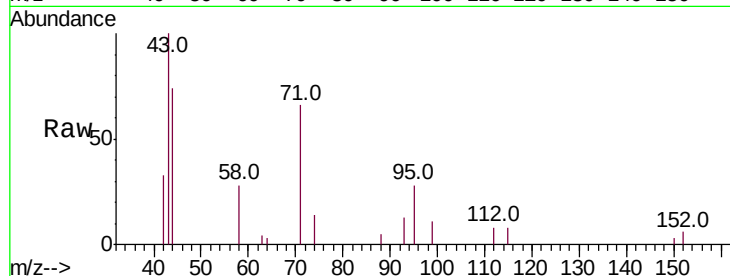
Tot Ion: 42 Resp: 692

Ion Ratio Lower Upper

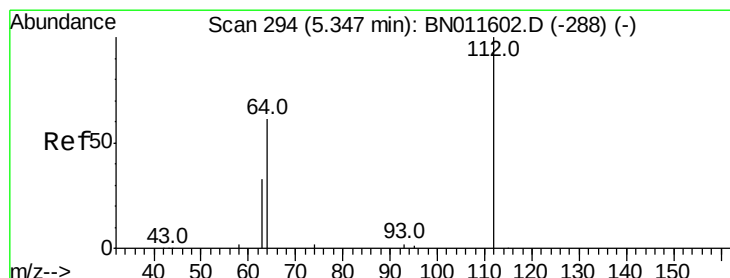
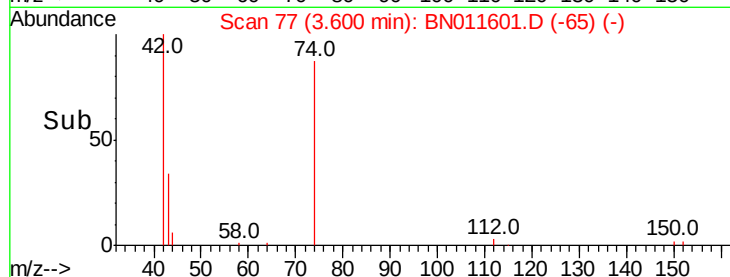
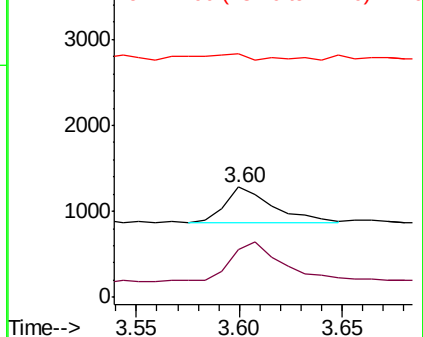
42 100

74 119.7 0.0 0.0#

44 18.9 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: 0.337 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

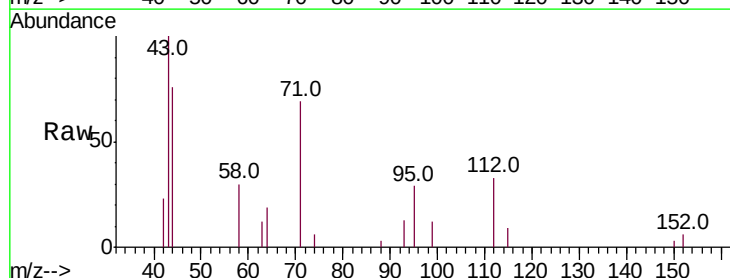
Tgt Ion: 112 Resp: 1367

Ion Ratio Lower Upper

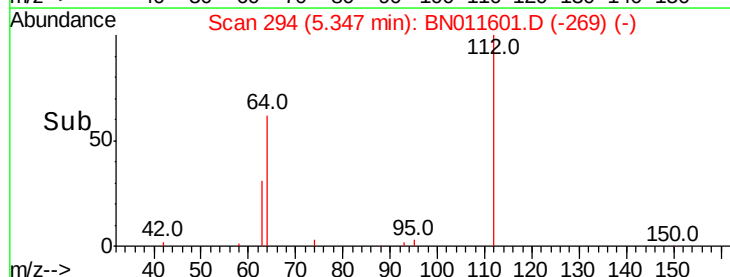
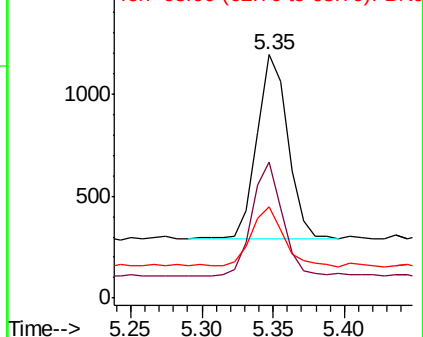
112 100

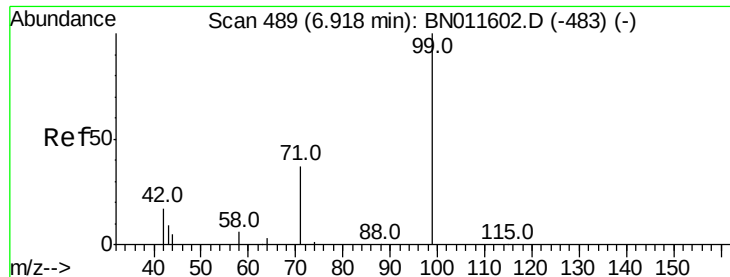
64 60.9 49.6 74.4

63 33.9 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: 0.480 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

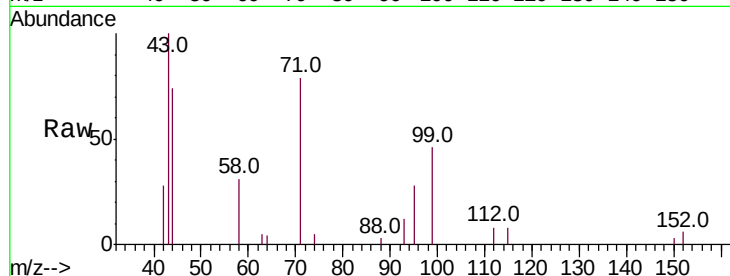
Tot Ion: 99 Resp: 1969

Ion Ratio Lower Upper

99 100

42 27.4 0.0 0.0#

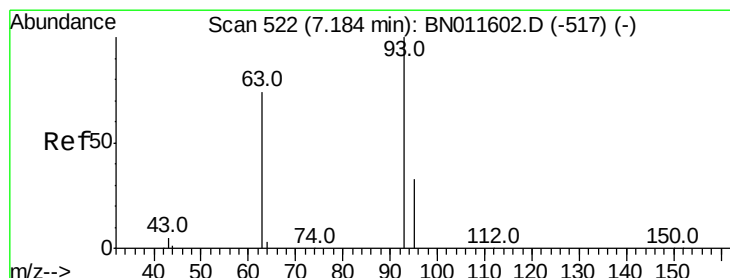
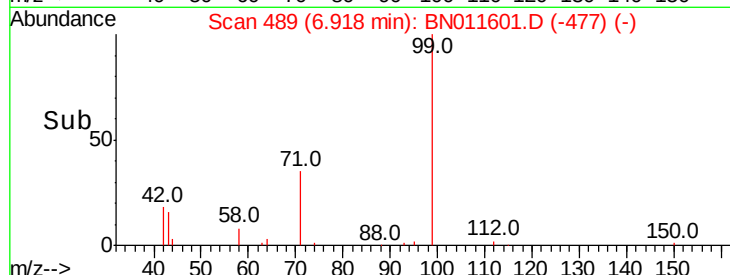
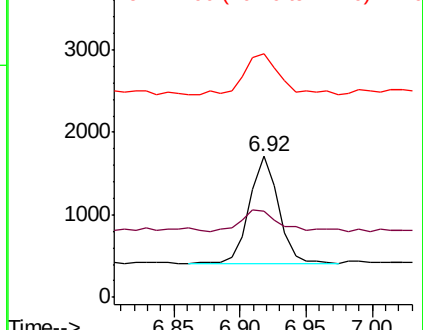
71 48.0 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011601.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011601.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011601.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.350 ng

RT: 7.18 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

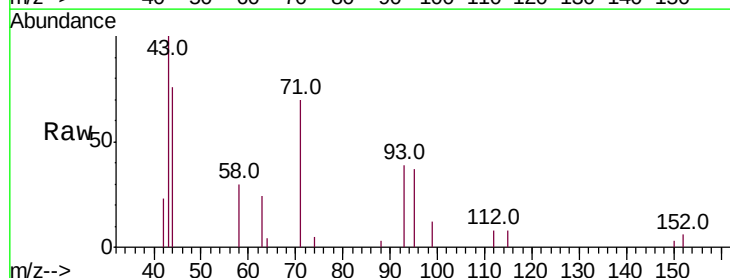
Tgt Ion: 93 Resp: 1403

Ion Ratio Lower Upper

93 100

63 74.7 57.8 86.8

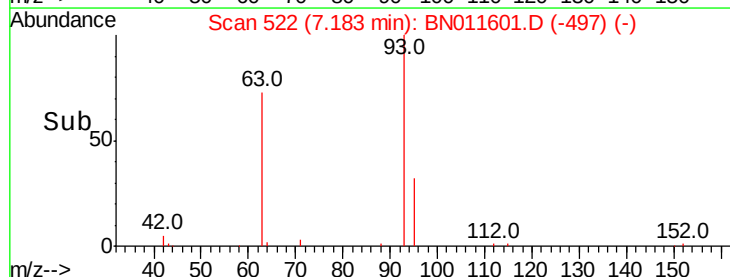
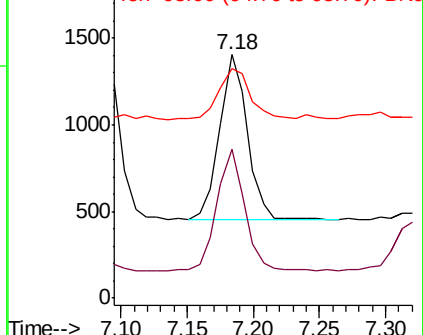
95 37.1 28.3 42.5

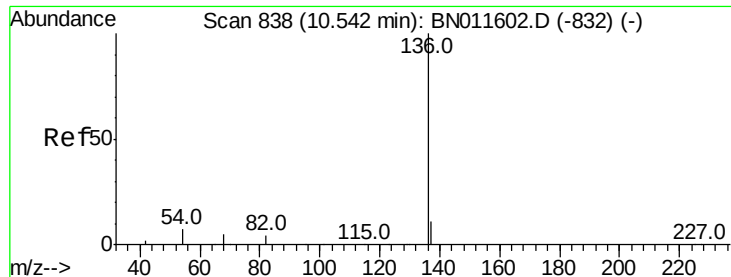


Abundance Ion 93.00 (92.70 to 93.70): BN011601.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN011601.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011601.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 8178

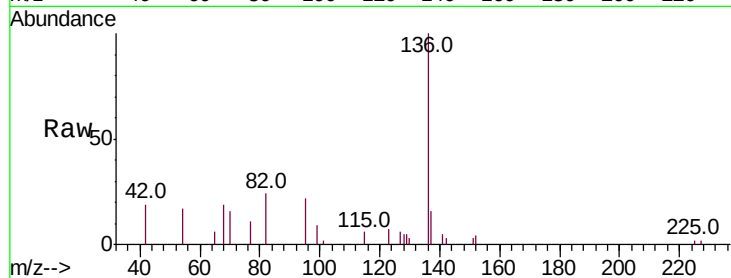
Ion Ratio Lower Upper

136 100

137 15.7 11.5 17.3

54 17.5 11.9 17.9

68 19.0 12.3 18.5#

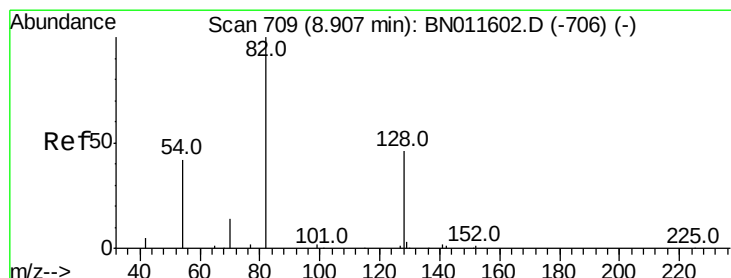
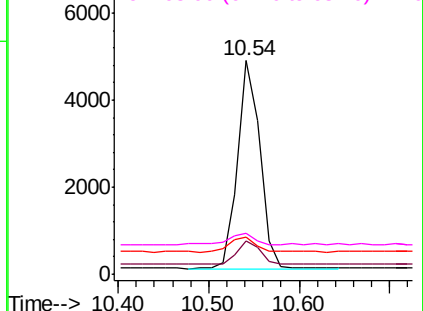
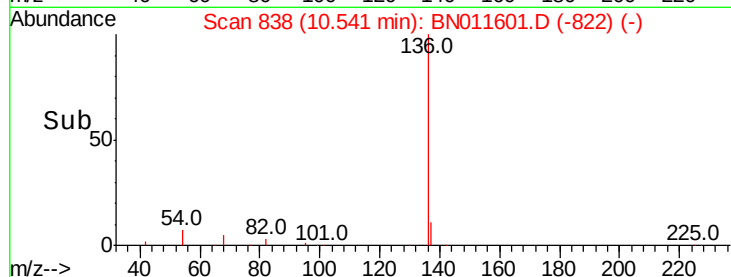


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.282 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

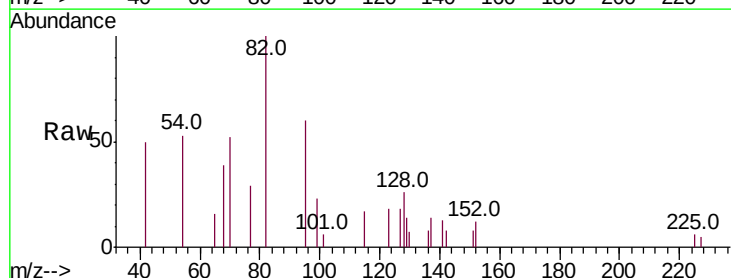
Tgt Ion: 82 Resp: 1518

Ion Ratio Lower Upper

82 100

128 26.4 31.1 46.7#

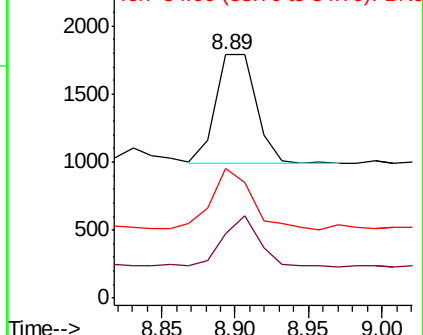
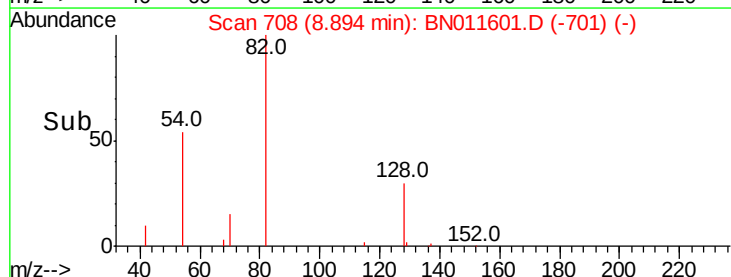
54 53.4 37.1 55.7

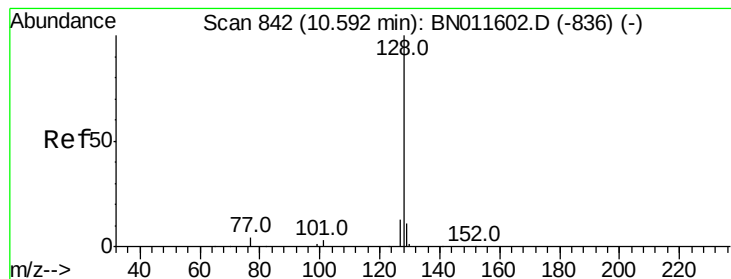


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.214 ng

RT: 10.59 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

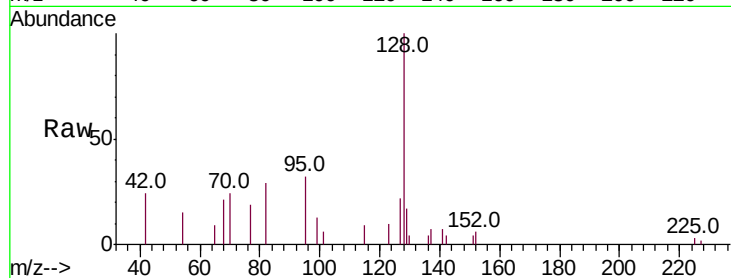
Tot Ion:128 Resp: 5064

Ion Ratio Lower Upper

128 100

129 17.0 11.0 16.4#

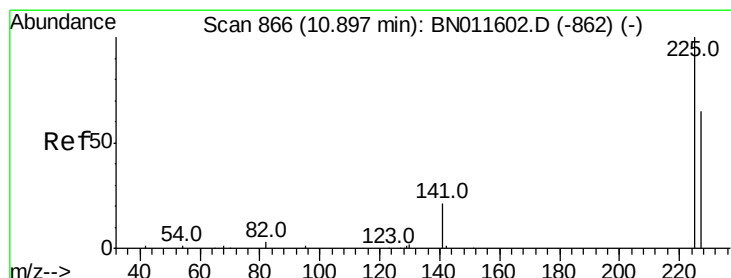
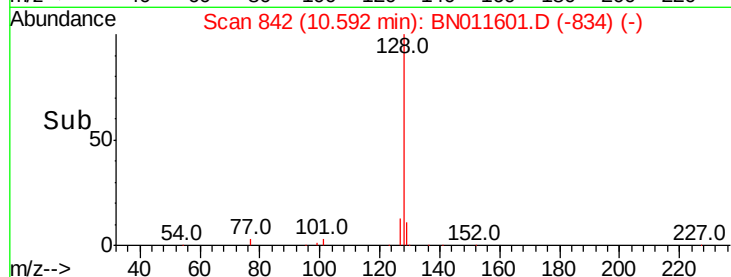
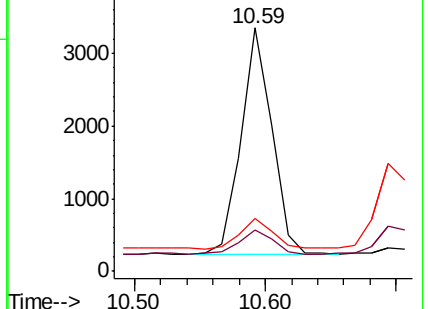
127 21.7 13.5 20.3#



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: 0.157 ng

RT: 10.90 min Scan# 866

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

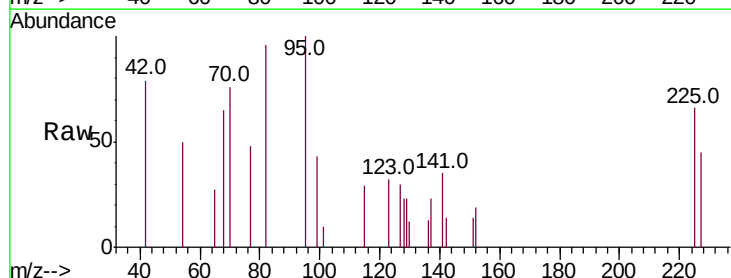
Tgt Ion:225 Resp: 1043

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

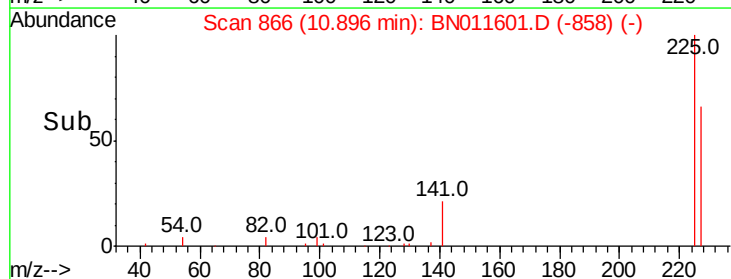
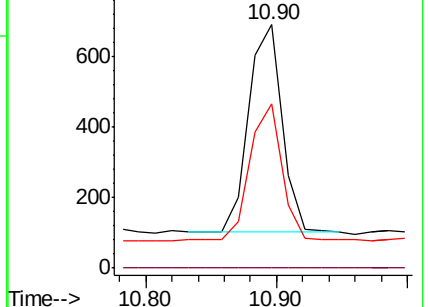
227 64.0 50.2 75.2

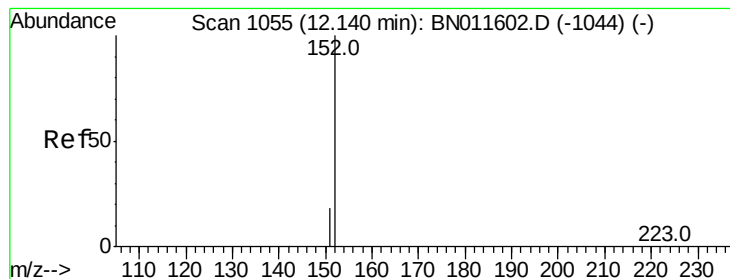


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.237 ng

RT: 12.14 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

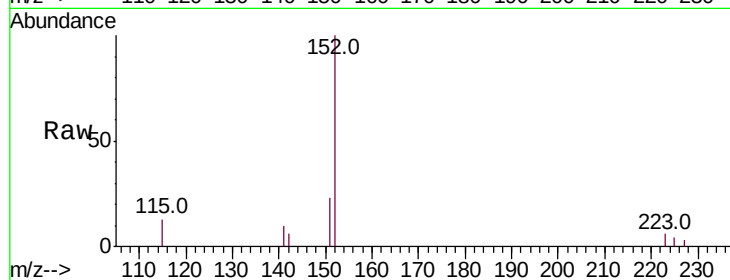
SSTDIC0.2

Tot Ion:152 Resp: 3459

Ion Ratio Lower Upper

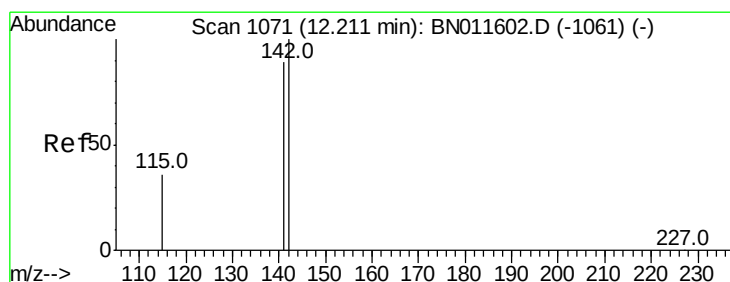
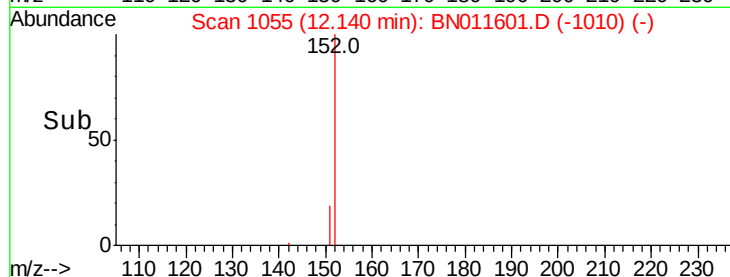
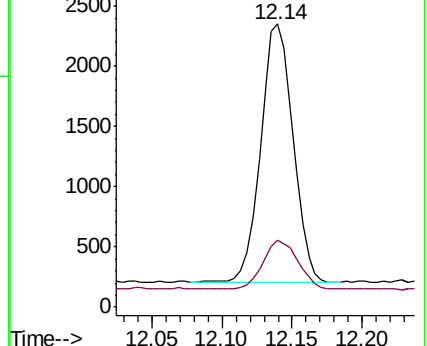
152 100

151 20.4 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.235 ng

RT: 12.21 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

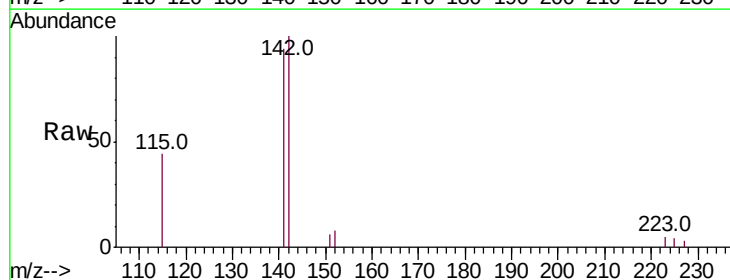
Tgt Ion:142 Resp: 3833

Ion Ratio Lower Upper

142 100

141 93.6 72.7 109.1

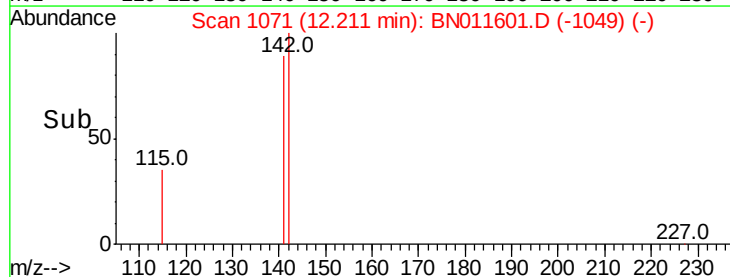
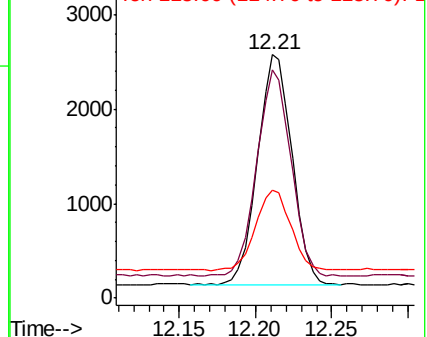
115 44.5 32.7 49.1

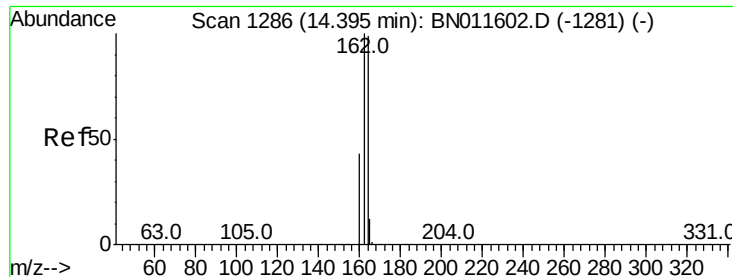


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

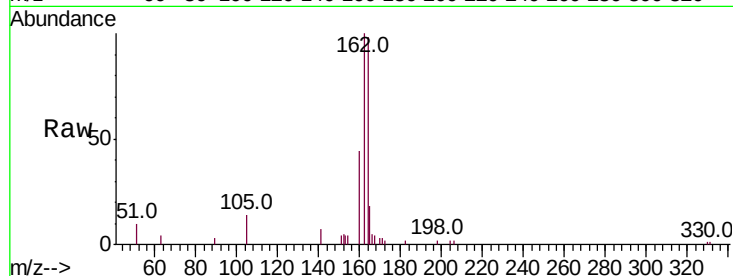
Tot Ion:164 Resp: 5490

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

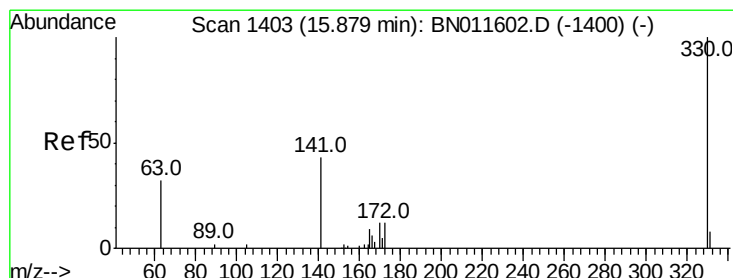
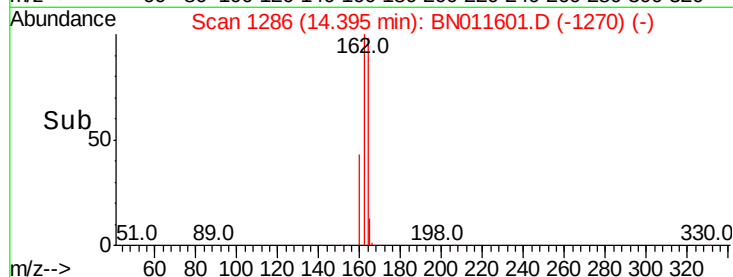
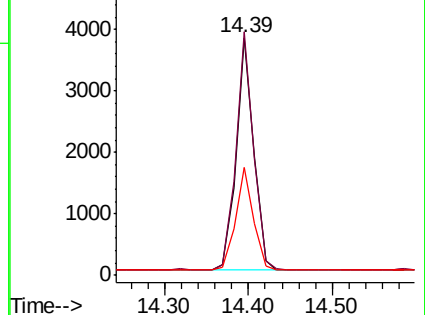
160 45.2 35.6 53.4



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: 0.243 ng

RT: 15.89 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

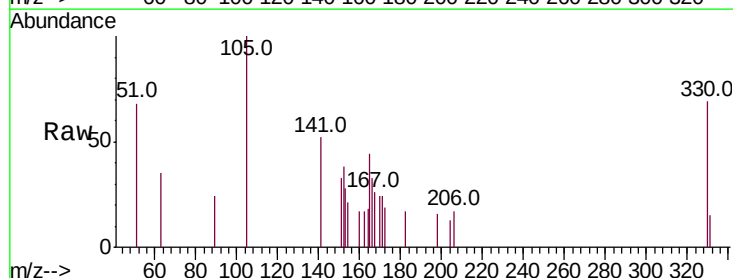
Tgt Ion:330 Resp: 665

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

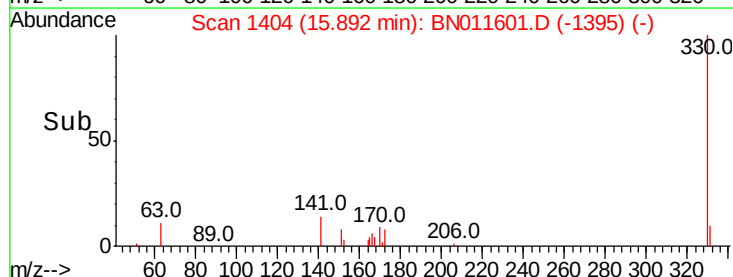
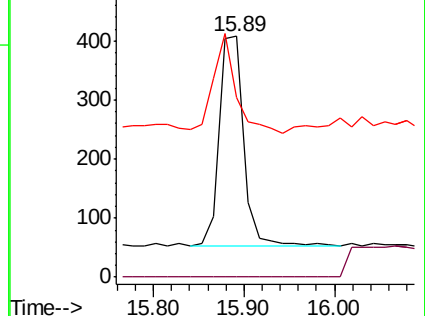
141 44.1 29.4 44.2

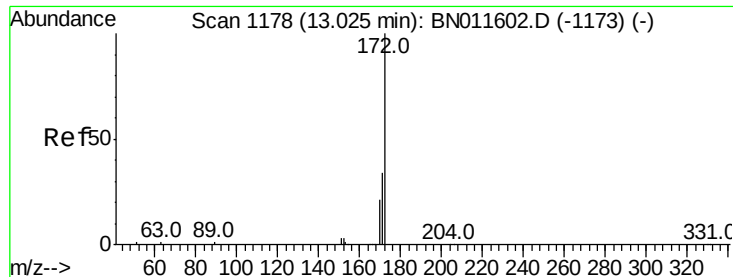


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

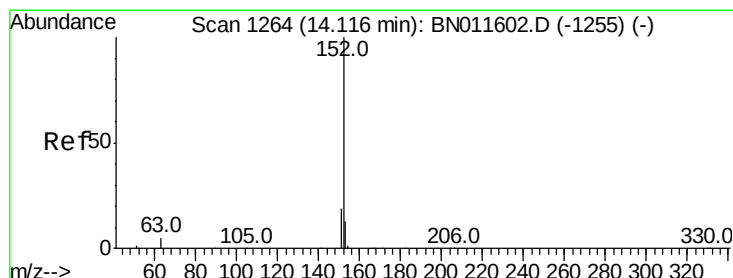
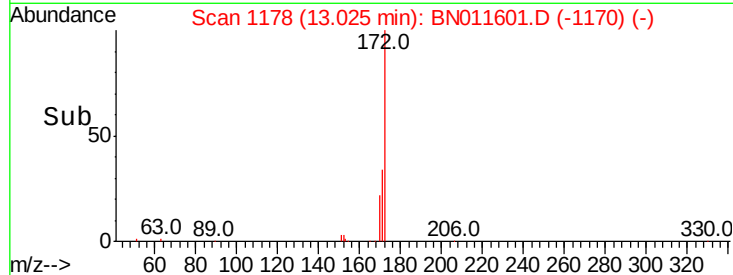
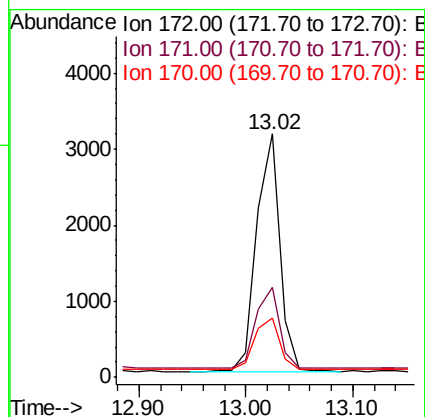
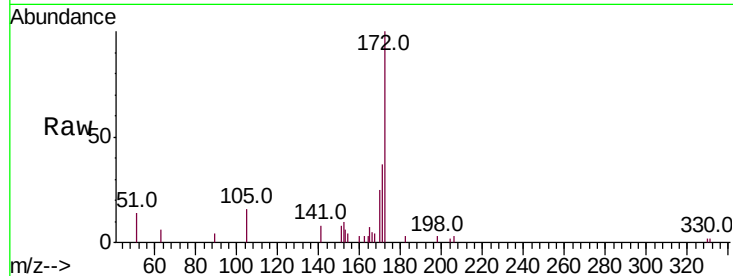




#15
2-Fluorobiphenyl
Concen: 0.210 ng
RT: 13.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011601.D
Acq: 24 Aug 2020 17:34

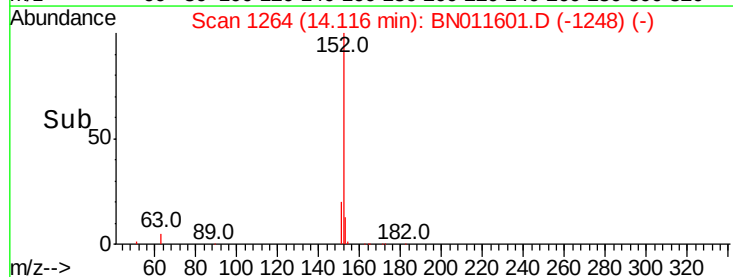
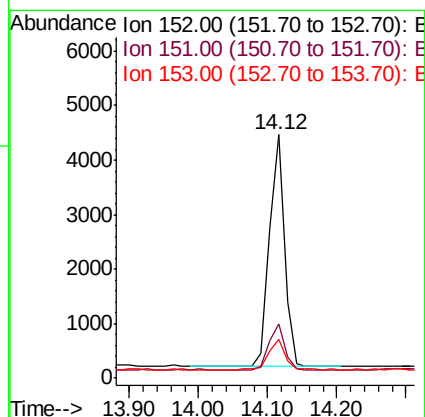
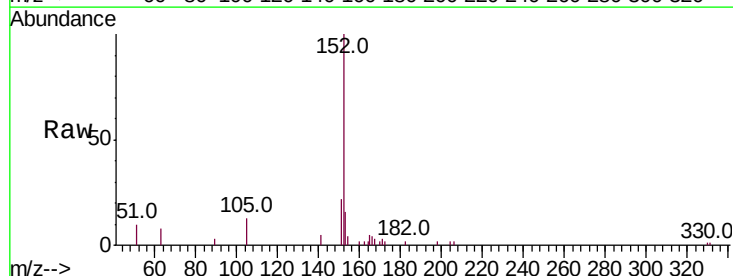
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

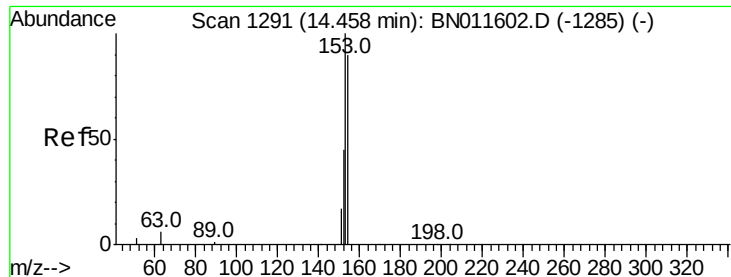
Tot Ion:172 Resp: 4751
Ion Ratio Lower Upper
172 100
171 37.0 28.6 42.8
170 24.5 18.2 27.2



#16
Acenaphthylene
Concen: 0.228 ng
RT: 14.12 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011601.D
Acq: 24 Aug 2020 17:34

Tgt Ion:152 Resp: 6370
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 14.7 11.0 16.4

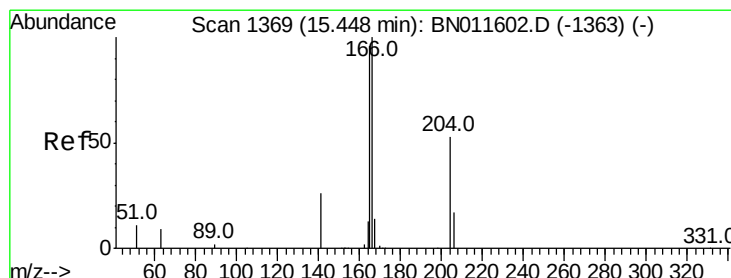
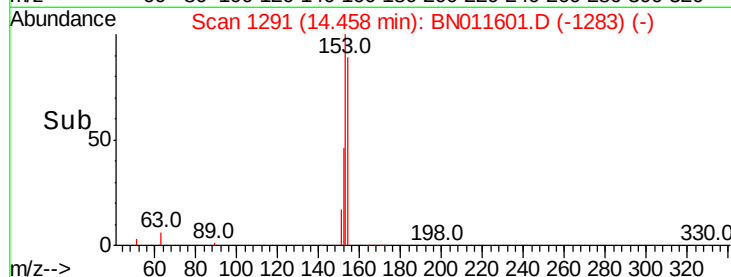
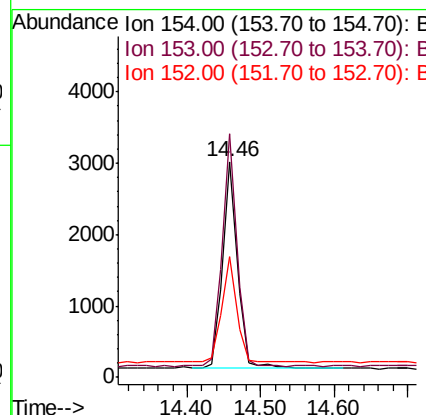
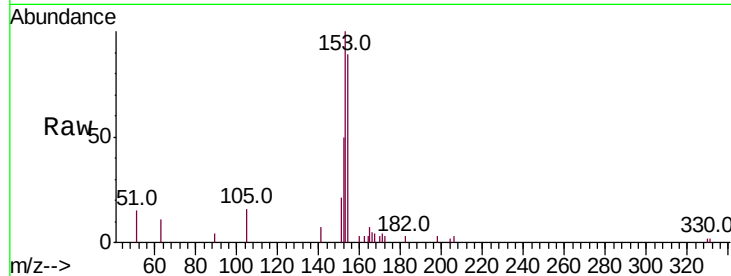




#17
Acenaphthene
Concen: 0.223 ng
RT: 14.46 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BN011601.D
Acq: 24 Aug 2020 17:34

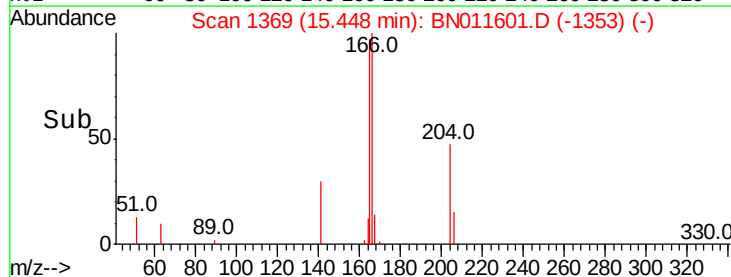
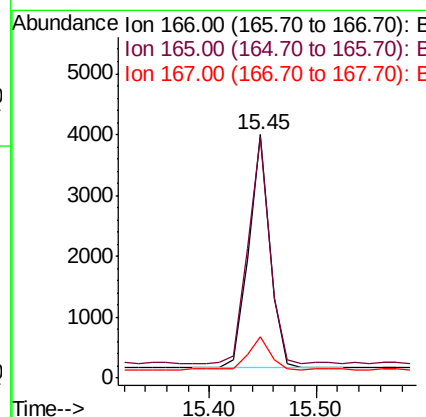
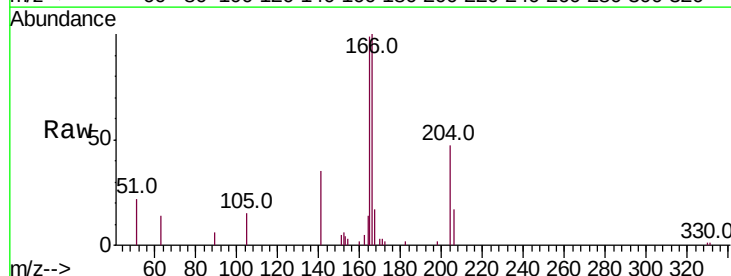
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.2

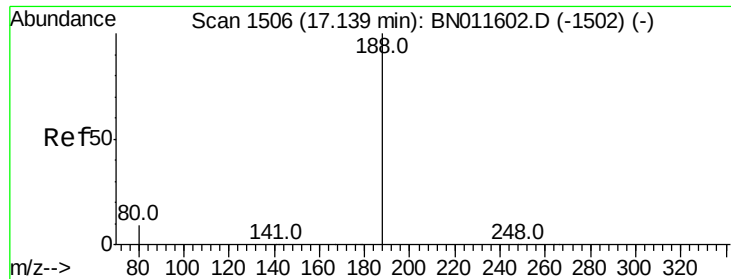
Tot Ion:154 Resp: 4088
Ion Ratio Lower Upper
154 100
153 110.6 86.6 130.0
152 50.1 40.1 60.1



#18
Fluorene
Concen: 0.219 ng
RT: 15.45 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BN011601.D
Acq: 24 Aug 2020 17:34

Tgt Ion:166 Resp: 5316
Ion Ratio Lower Upper
166 100
165 97.5 77.4 116.2
167 14.2 11.5 17.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

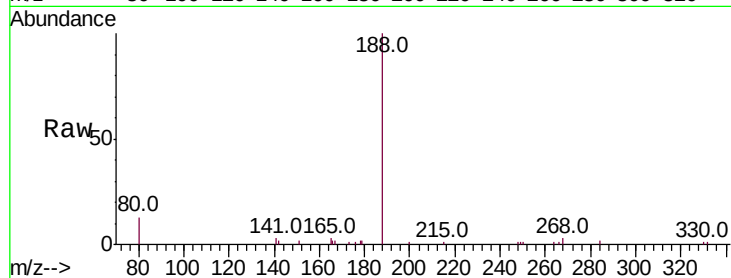
Tot Ion:188 Resp: 12556

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

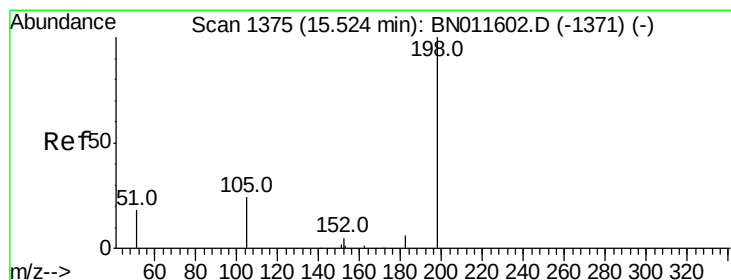
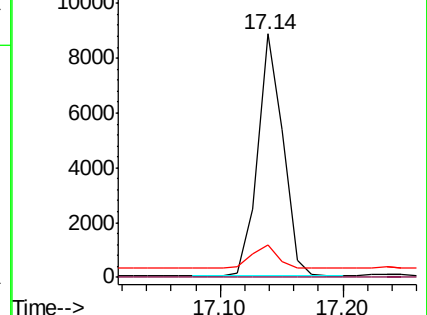
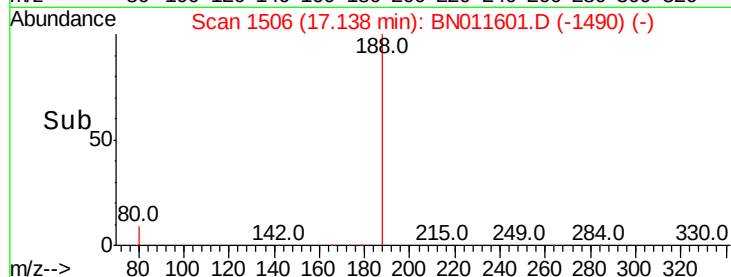
80 13.3 9.2 13.8



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: 0.181 ng

RT: 15.52 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

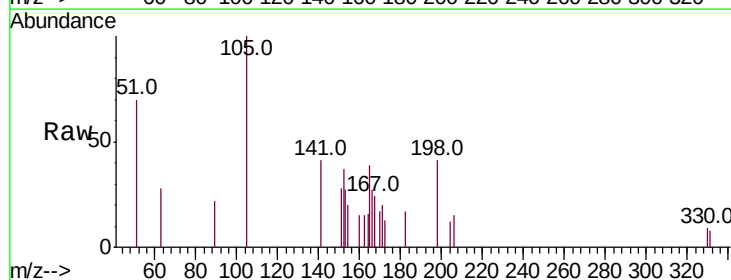
Tgt Ion:198 Resp: 275

Ion Ratio Lower Upper

198 100

51 173.0 99.6 149.4#

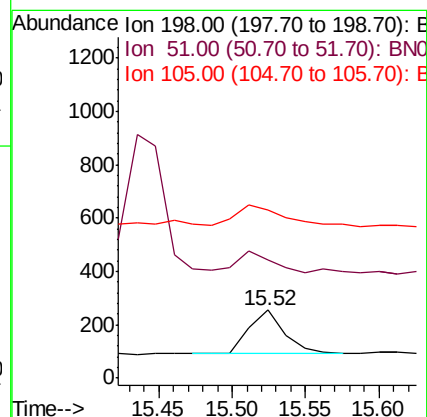
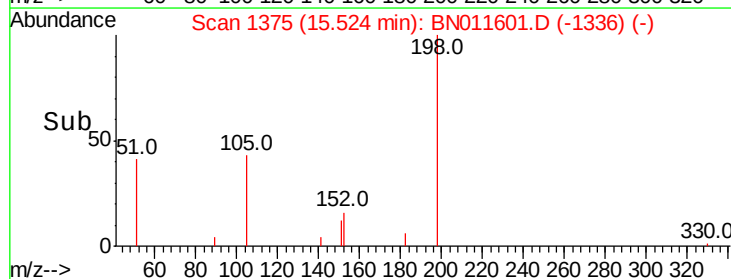
105 246.9 118.8 178.2#

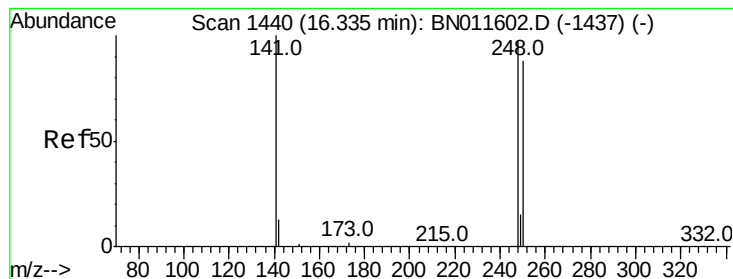


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.599 ng

RT: 16.35 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

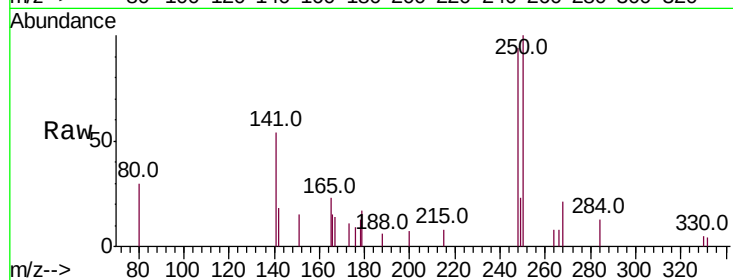
Tot Ion:248 Resp: 1643

Ion Ratio Lower Upper

248 100

250 106.6 73.4 110.2

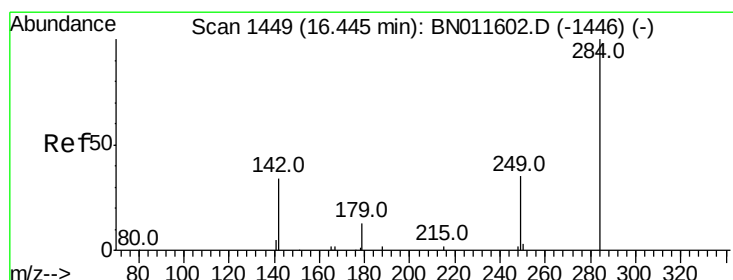
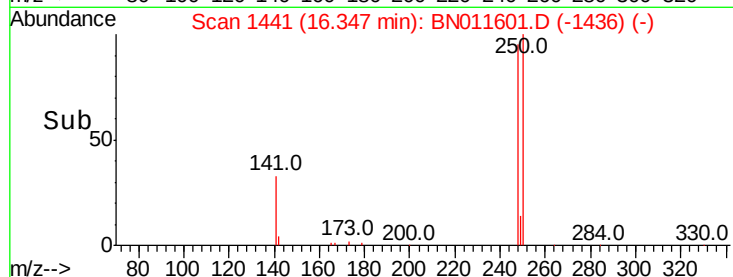
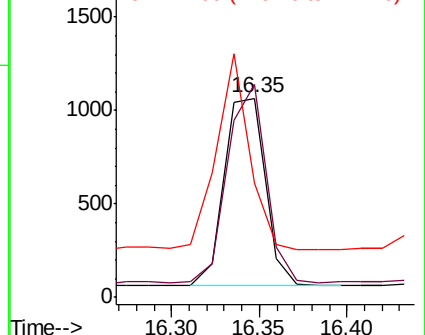
141 57.6 88.5 132.7#



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: 0.196 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

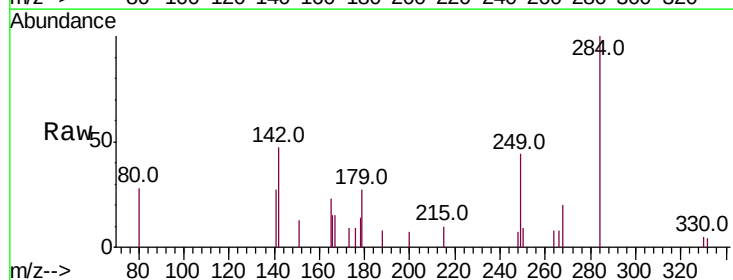
Tgt Ion:284 Resp: 1893

Ion Ratio Lower Upper

284 100

142 35.2 27.3 40.9

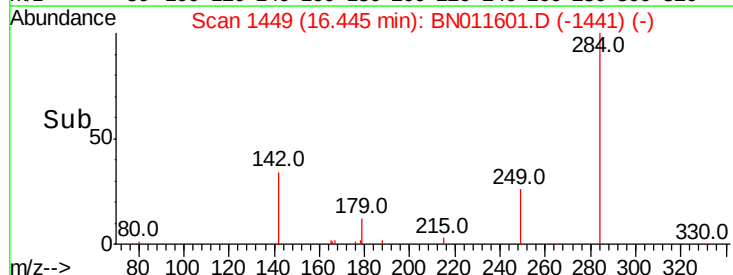
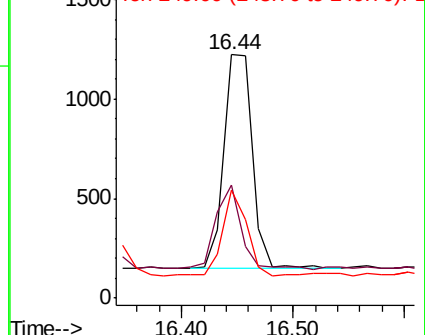
249 34.0 25.2 37.8

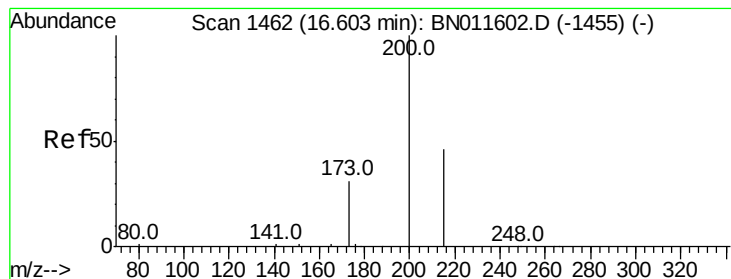


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.264 ng

RT: 16.60 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

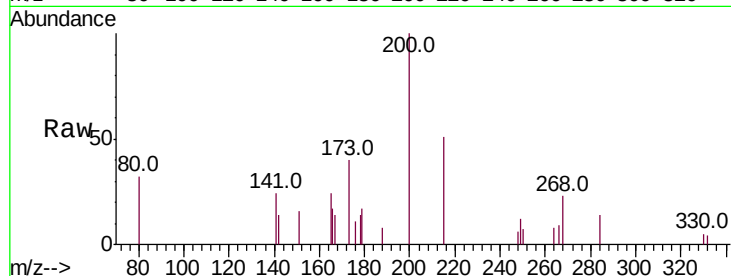
Tot Ion:200 Resp: 1723

Ion Ratio Lower Upper

200 100

173 39.8 28.2 42.4

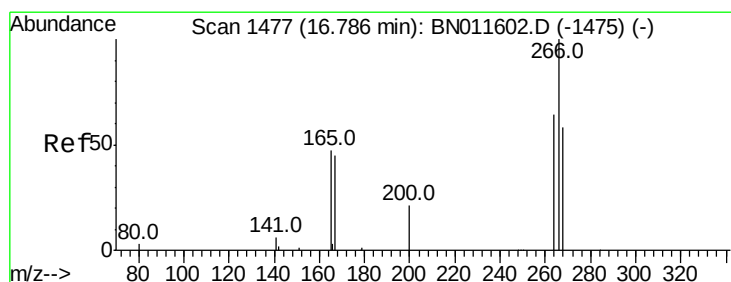
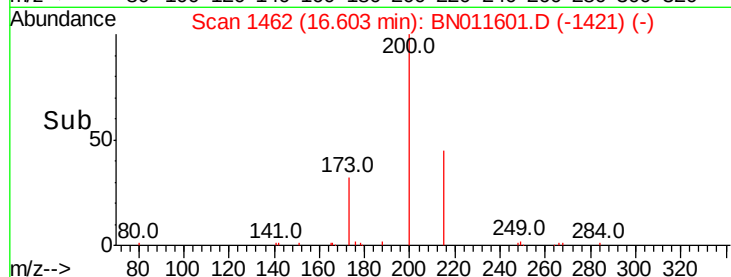
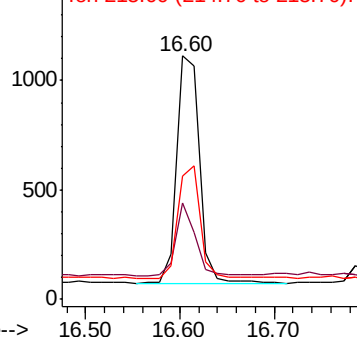
215 50.9 39.8 59.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.276 ng

RT: 16.80 min Scan# 1478

Delta R.T. 0.01 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

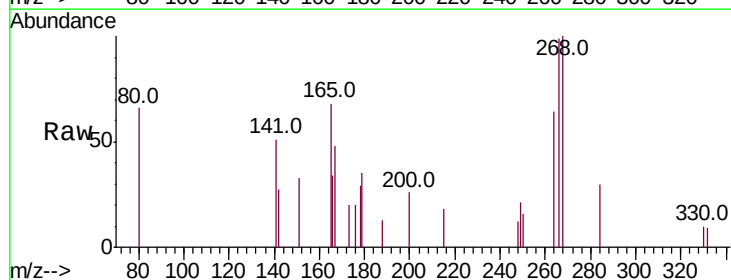
Tgt Ion:266 Resp: 832

Ion Ratio Lower Upper

266 100

264 58.4 48.1 72.1

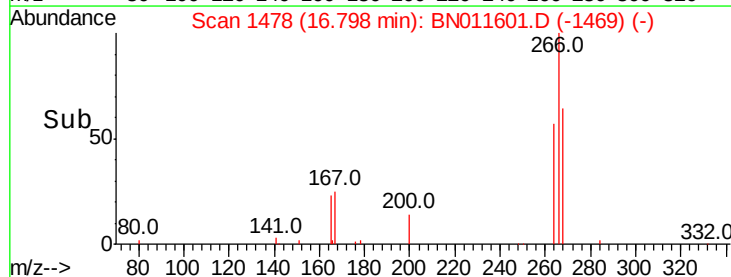
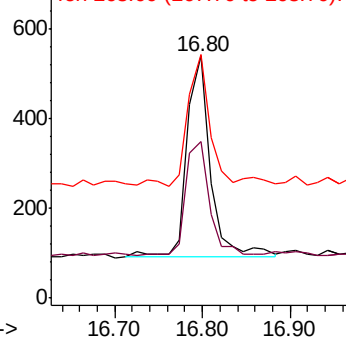
268 60.0 48.4 72.6

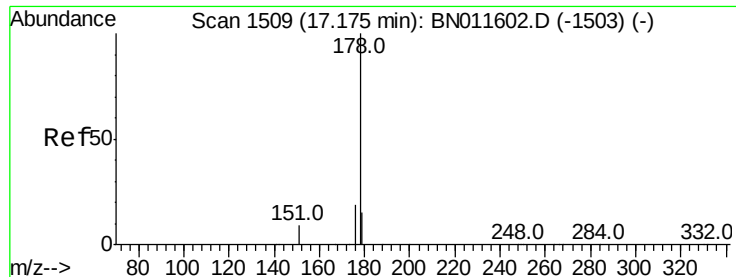


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.220 ng

RT: 17.19 min Scan# 1510

Delta R.T. 0.01 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.2

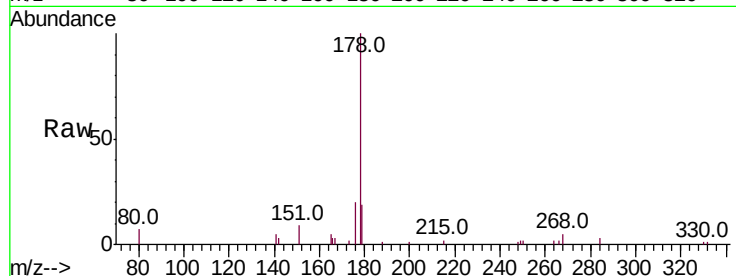
Tot Ion:178 Resp: 8701

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

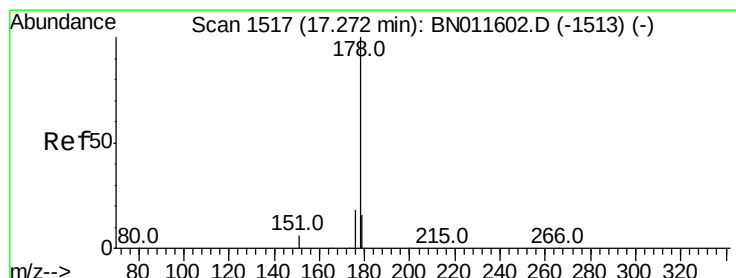
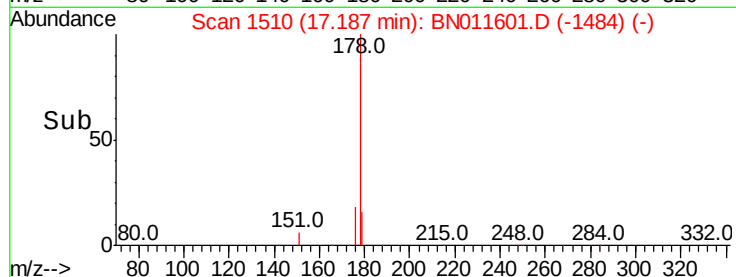
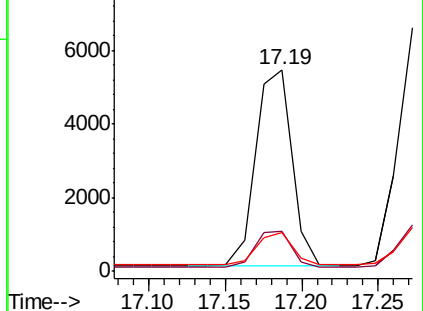
179 16.2 12.6 18.8



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: 0.263 ng

RT: 17.27 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

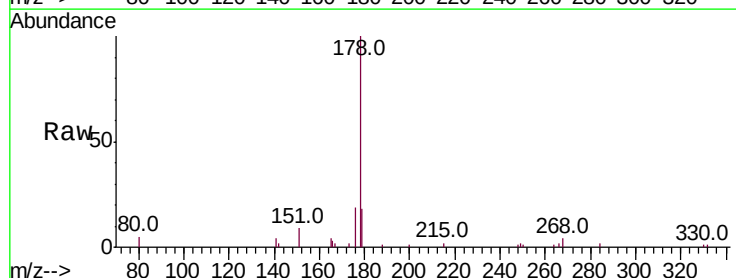
Tgt Ion:178 Resp: 8681

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

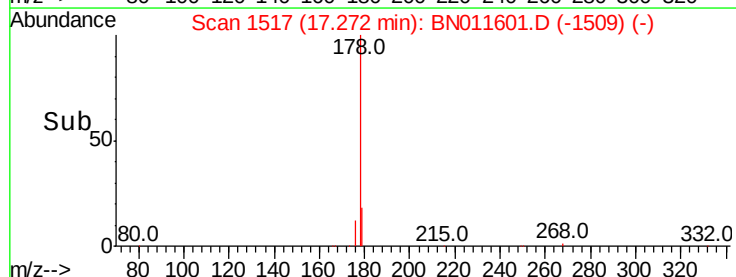
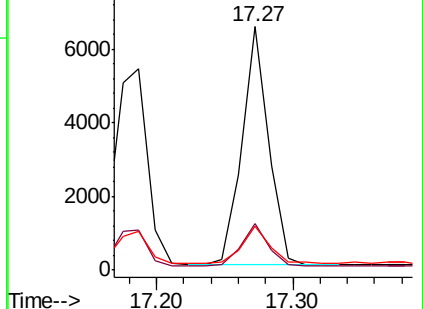
179 15.7 12.5 18.7

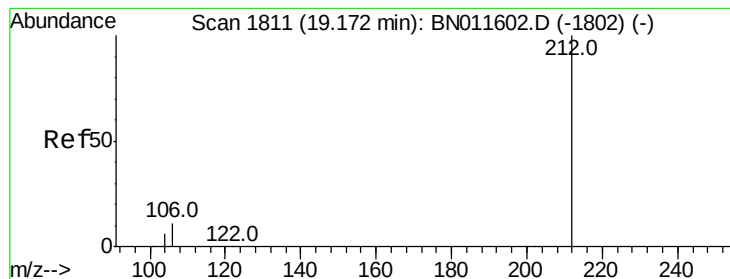


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.220 ng

RT: 19.18 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

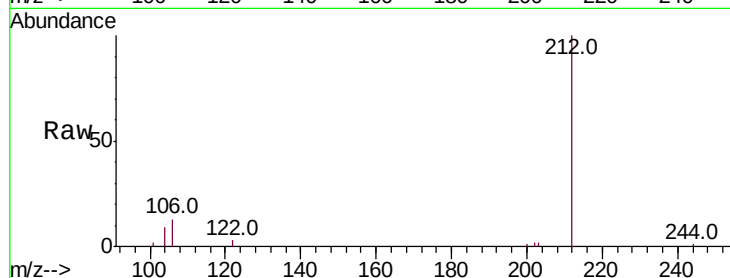
Tot Ion:212 Resp: 9292

Ion Ratio Lower Upper

212 100

106 11.4 8.9 13.3

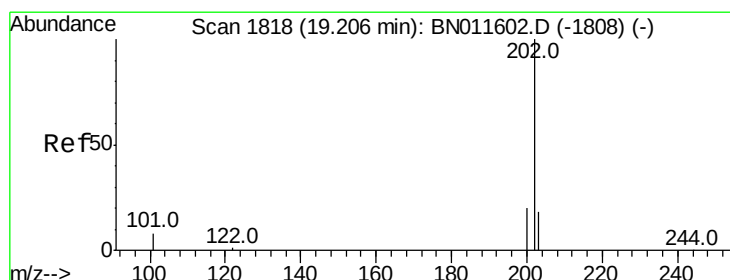
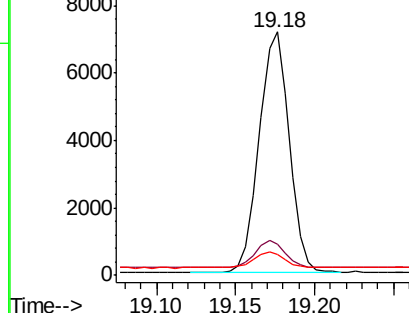
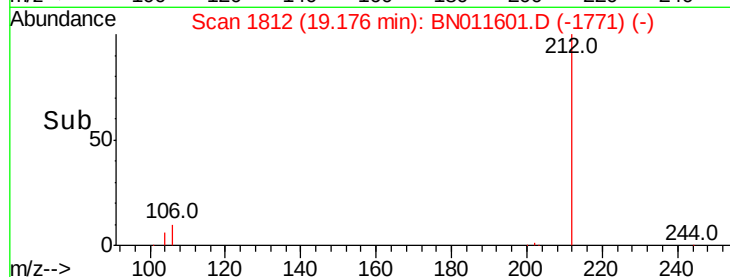
104 6.6 5.3 7.9



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



#28

Fluoranthene

Concen: 0.212 ng

RT: 19.21 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

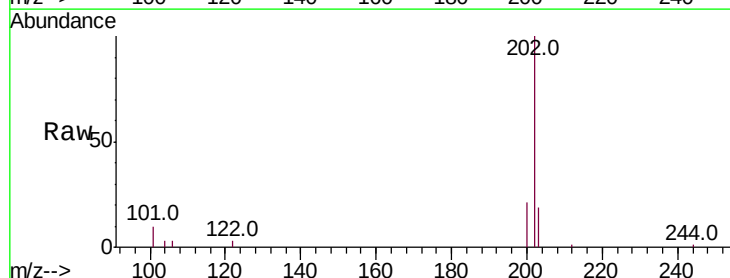
Tgt Ion:202 Resp: 10788

Ion Ratio Lower Upper

202 100

101 9.6 7.7 11.5

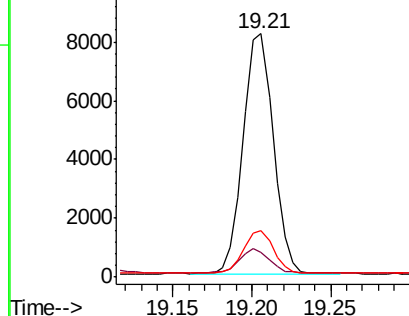
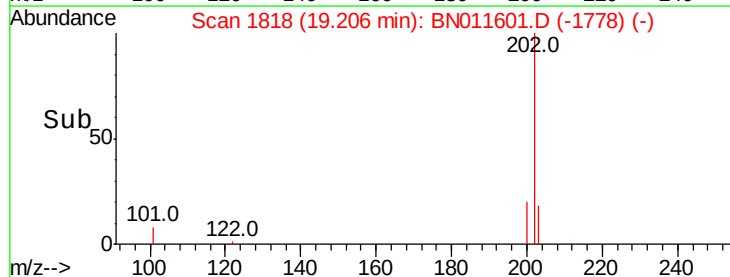
203 17.4 13.9 20.9

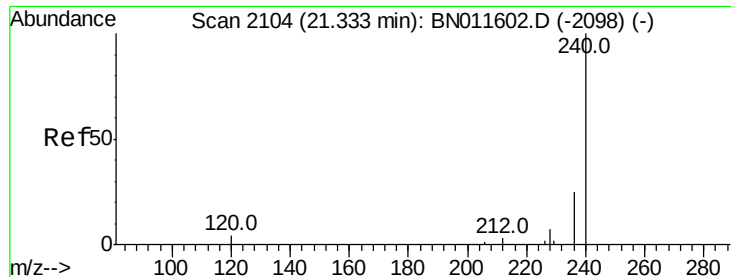


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

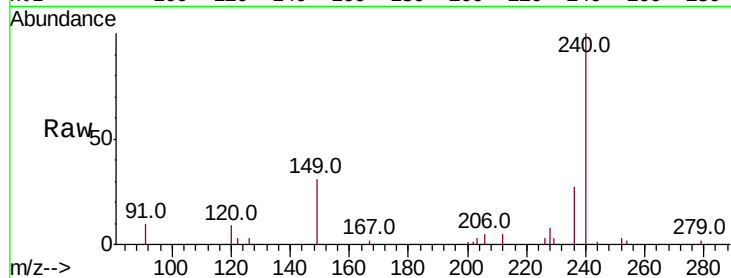
Tot Ion:240 Resp: 14064

Ion Ratio Lower Upper

240 100

120 8.9 6.0 9.0

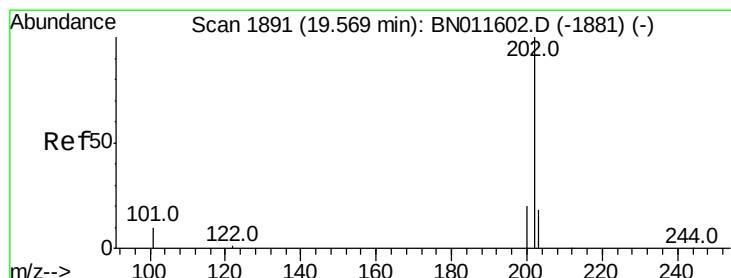
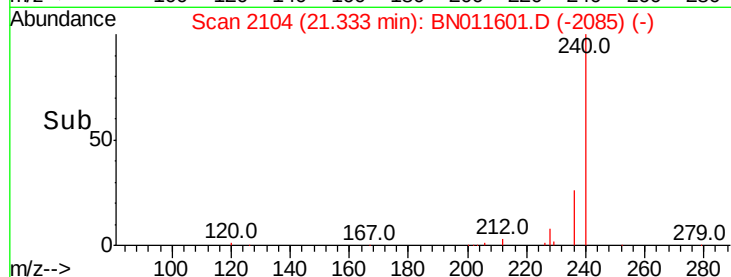
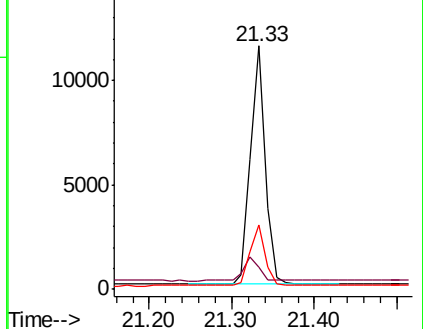
236 26.7 20.8 31.2



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: 0.202 ng

RT: 19.57 min Scan# 1891

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

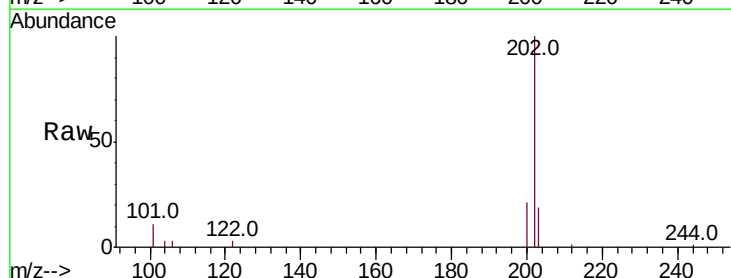
Tgt Ion:202 Resp: 11326

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

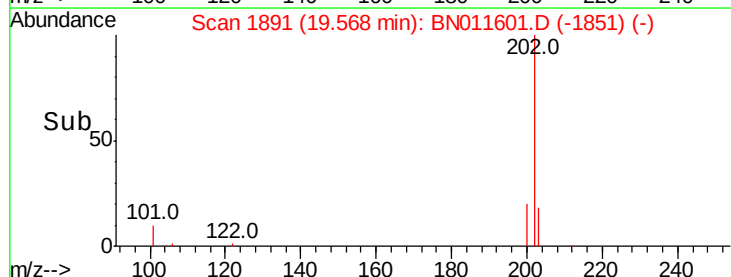
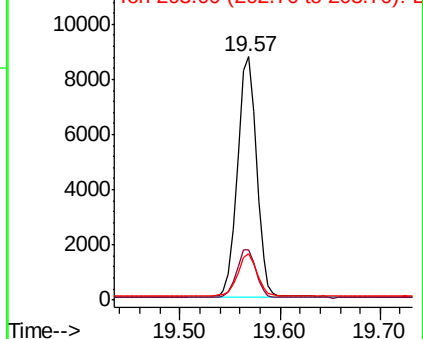
203 17.5 14.2 21.4

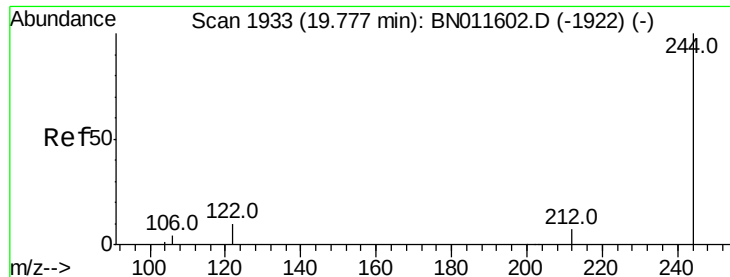


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

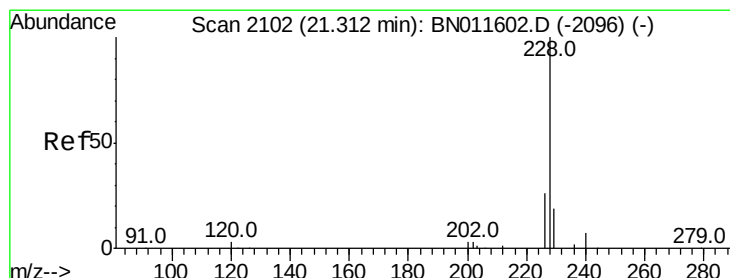
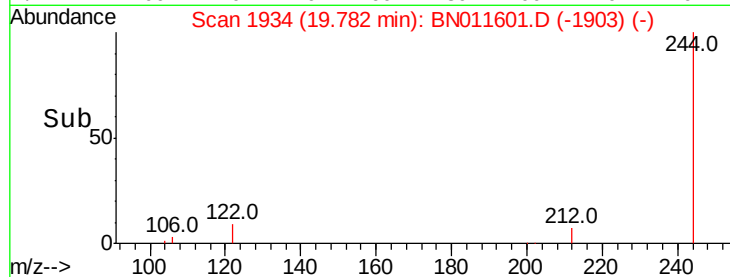
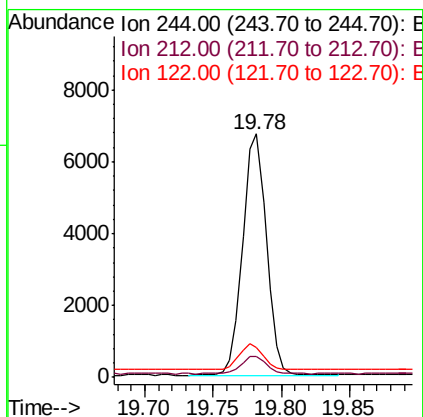
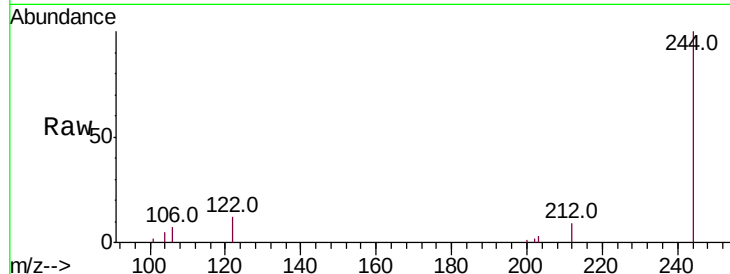




#31
 Terphenyl-d14
 Concen: 0.220 ng
 RT: 19.78 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BN011601.D
 Acq: 24 Aug 2020 17:34

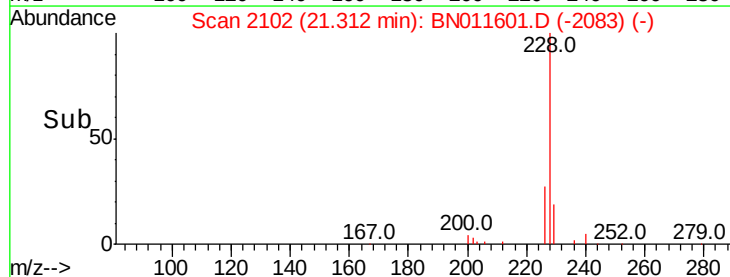
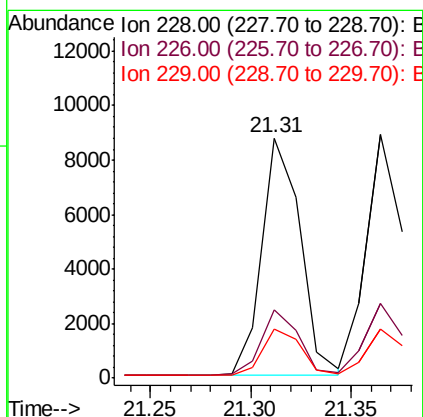
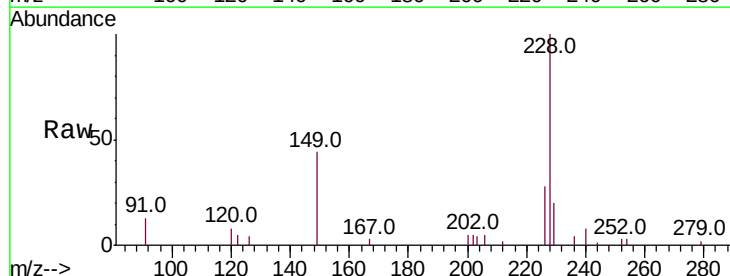
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.2

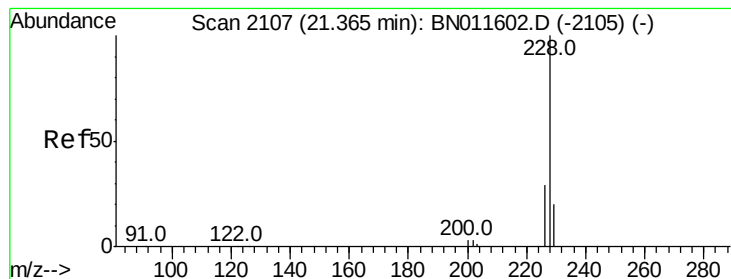
Tot Ion:244 Resp: 8086
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 12.2 9.5 14.3



#32
 Benzo(a)anthracene
 Concen: 0.251 ng
 RT: 21.31 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BN011601.D
 Acq: 24 Aug 2020 17:34

Tgt Ion:228 Resp: 11613
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.2 31.8
 229 20.3 15.8 23.8





#33

Chrysene

Concen: 0.211 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

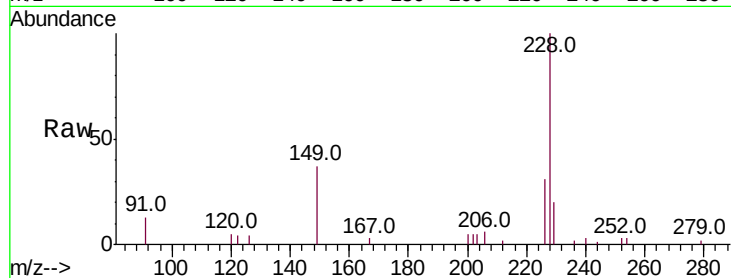
Tot Ion:228 Resp: 11109

Ion Ratio Lower Upper

228 100

226 30.5 23.6 35.4

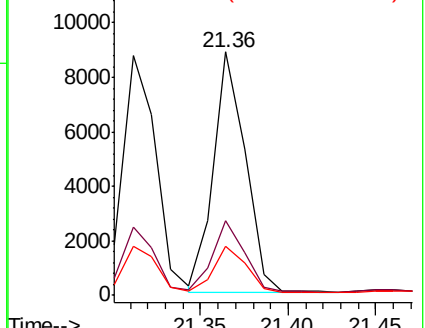
229 20.2 16.0 24.0



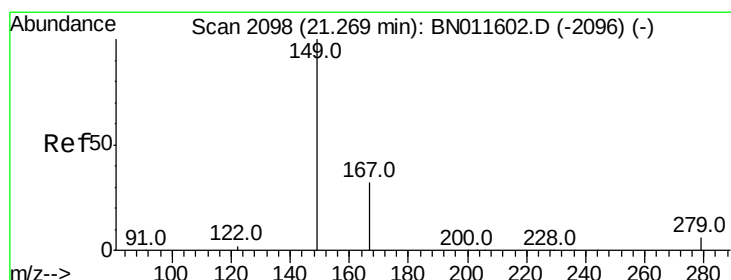
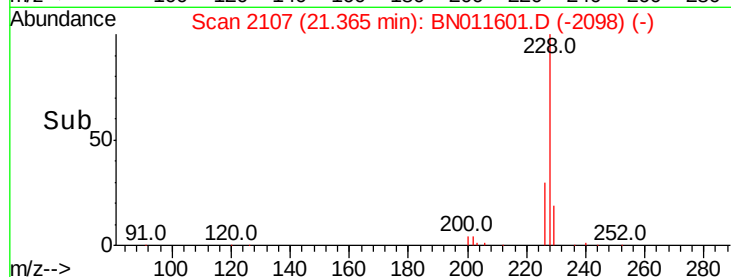
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.383 ng

RT: 21.27 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

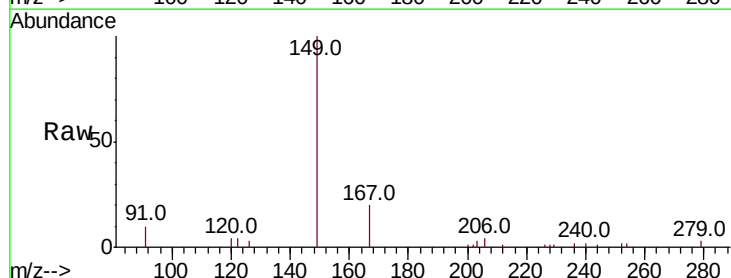
Tgt Ion:149 Resp: 8790

Ion Ratio Lower Upper

149 100

167 24.8 20.6 31.0

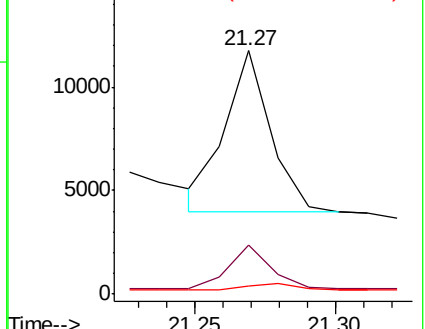
279 4.5 3.8 5.8



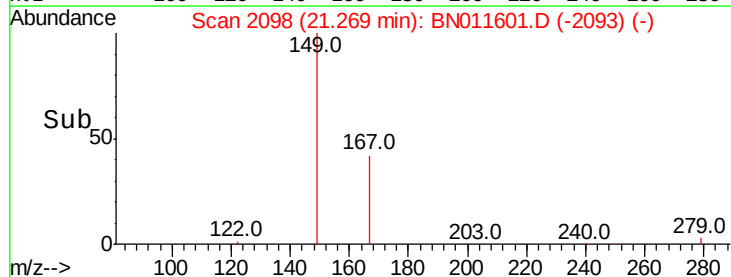
Abundance Ion 149.00 (148.70 to 149.70): E

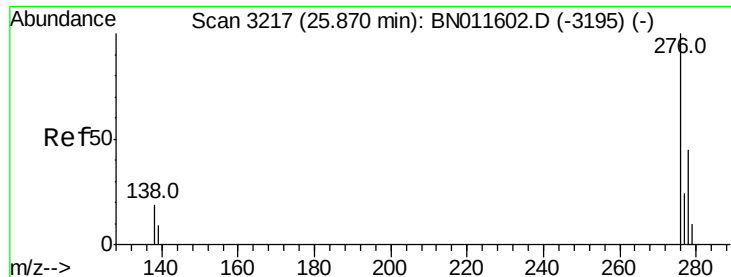
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.288 ng

RT: 25.87 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

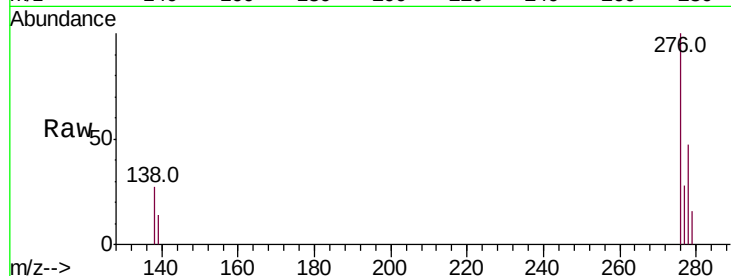
Tot Ion:276 Resp: 13741

Ion Ratio Lower Upper

276 100

138 21.2 0.0 0.0#

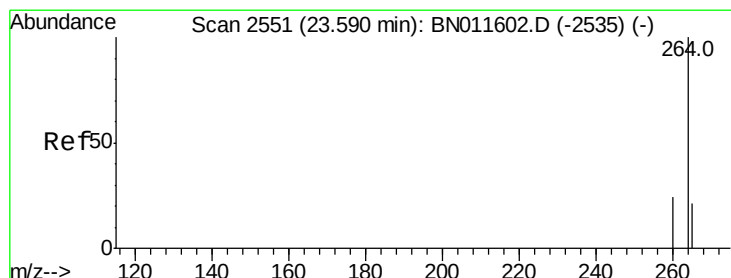
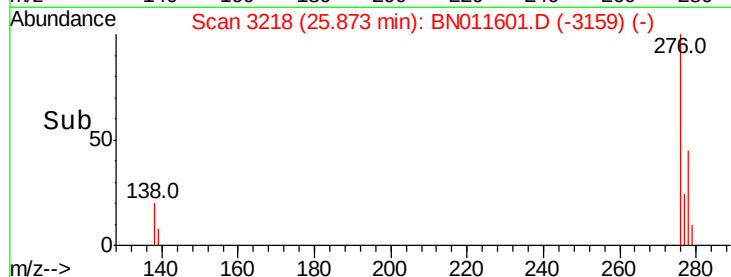
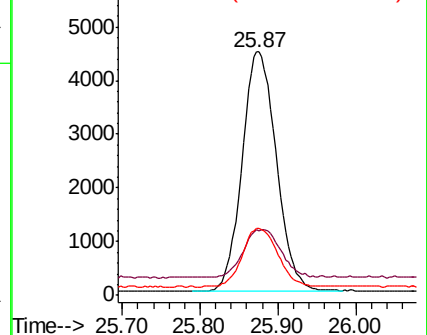
277 25.1 0.0 0.0#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.59 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

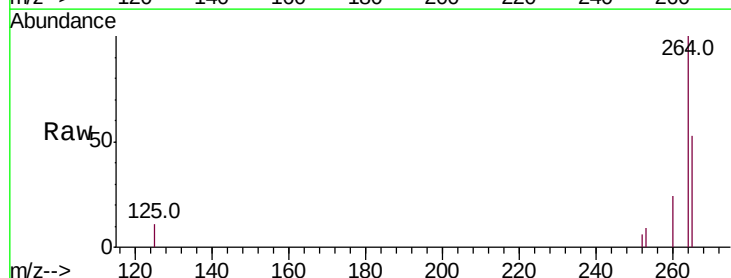
Tgt Ion:264 Resp: 14065

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

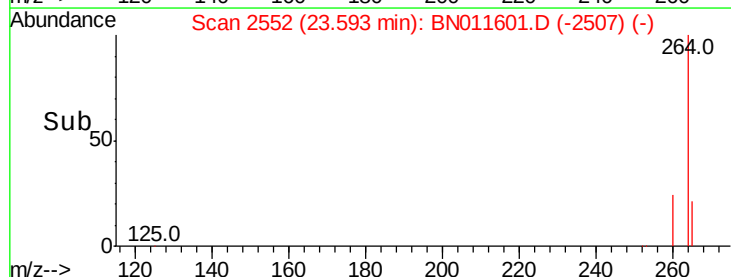
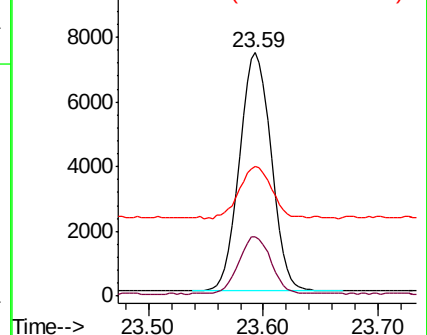
265 53.4 40.7 61.1

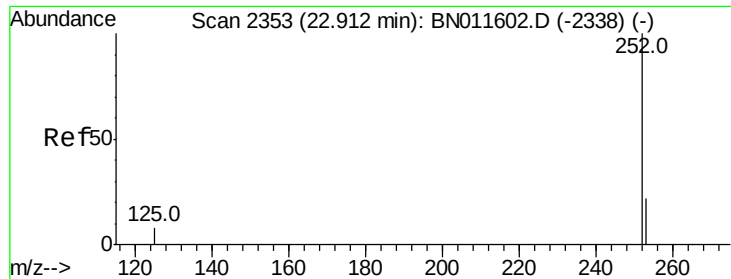


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.216 ng

RT: 22.92 min Scan# 2354

Delta R.T. 0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

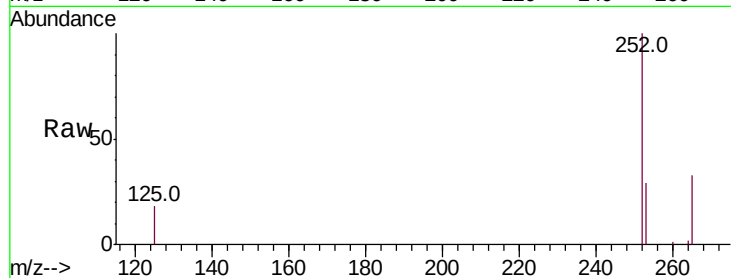
Tot Ion:252 Resp: 11226

Ion Ratio Lower Upper

252 100

253 29.1 21.0 31.6

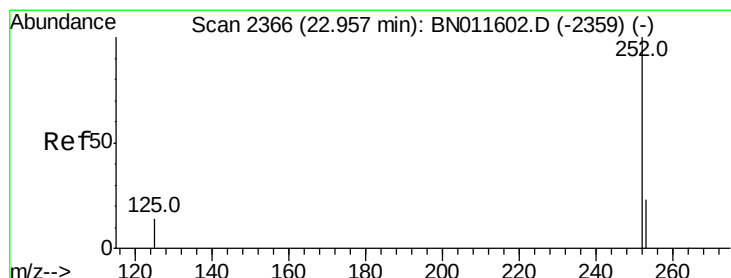
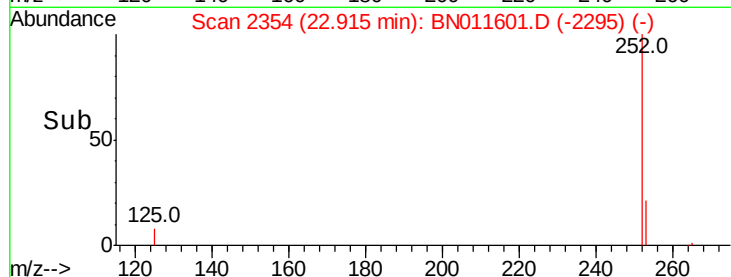
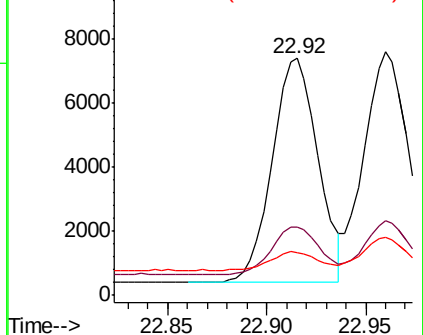
125 18.3 11.0 16.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 0.181 ng

RT: 22.92 min Scan# 2354

Delta R.T. -0.04 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

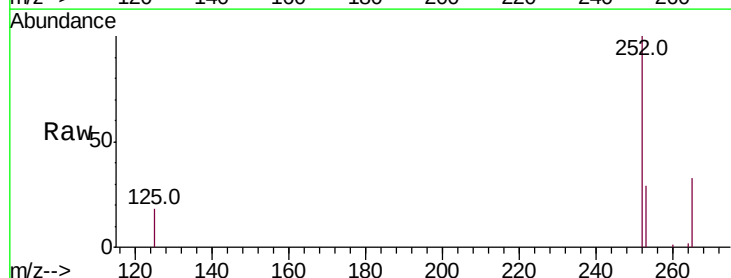
Tgt Ion:252 Resp: 11226

Ion Ratio Lower Upper

252 100

253 29.1 21.2 31.8

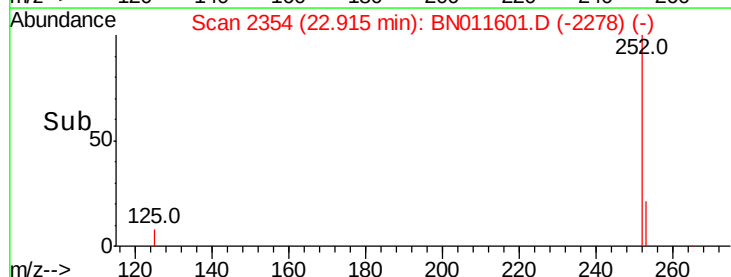
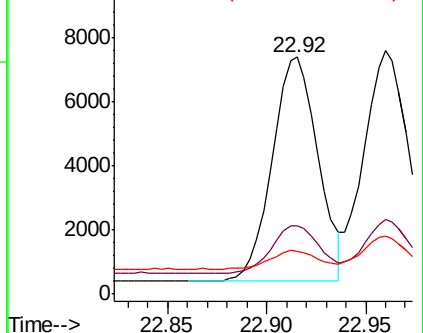
125 18.3 14.6 21.8

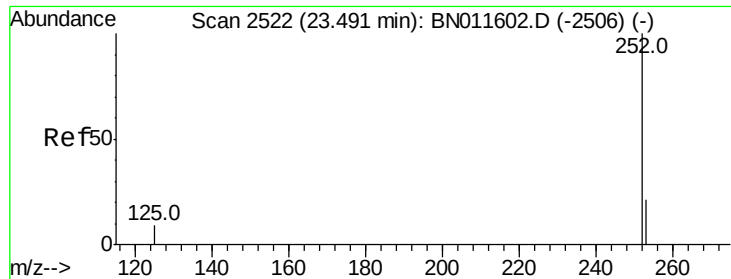


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.222 ng

RT: 23.49 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

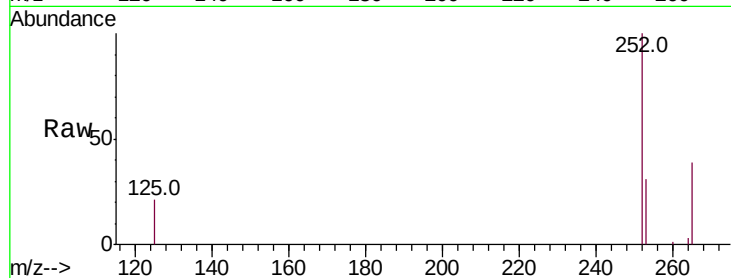
Tot Ion:252 Resp: 10660

Ion Ratio Lower Upper

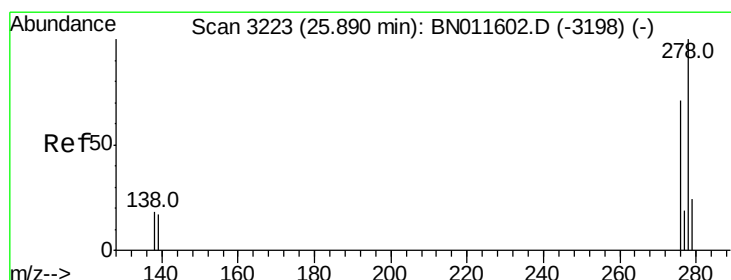
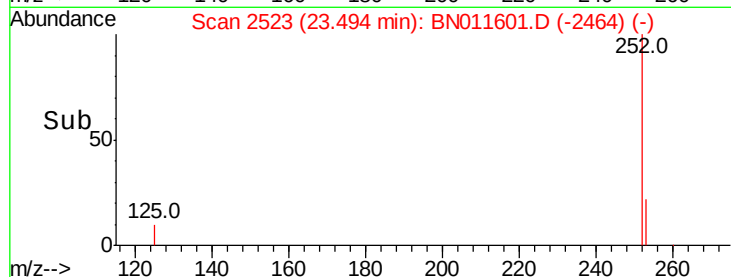
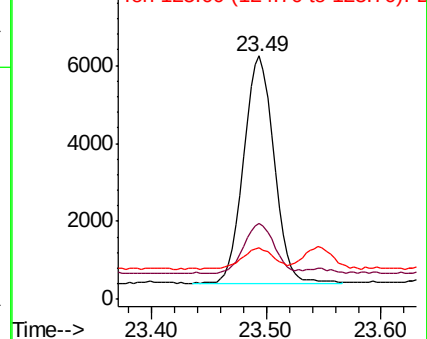
252 100

253 31.1 21.2 31.8

125 21.3 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: 0.283 ng

RT: 25.90 min Scan# 3225

Delta R.T. 0.01 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

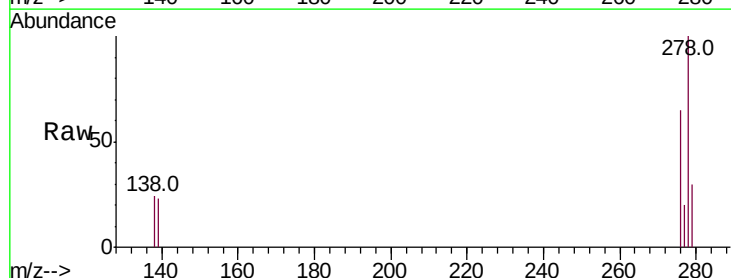
Tgt Ion:278 Resp: 11377

Ion Ratio Lower Upper

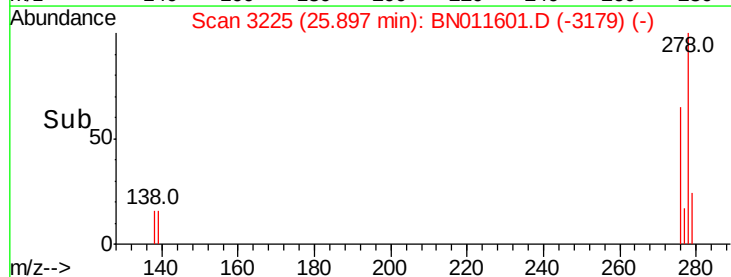
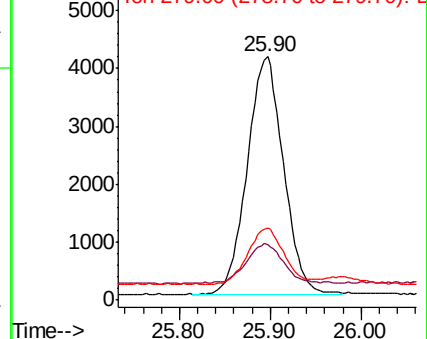
278 100

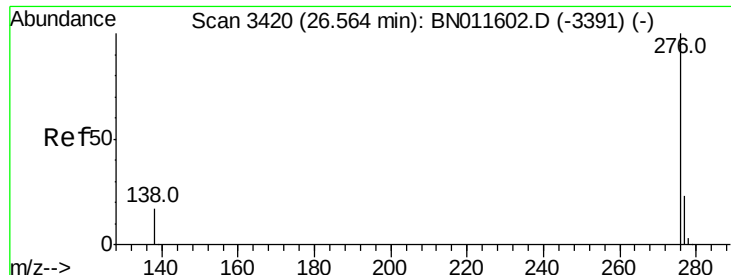
139 22.6 16.6 25.0

279 29.6 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(a,h,i)perylene

Concen: 0.230 ng

RT: 26.57 min Scan# 3421

Delta R.T. 0.00 min

Lab File: BN011601.D

Acq: 24 Aug 2020 17:34

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.2

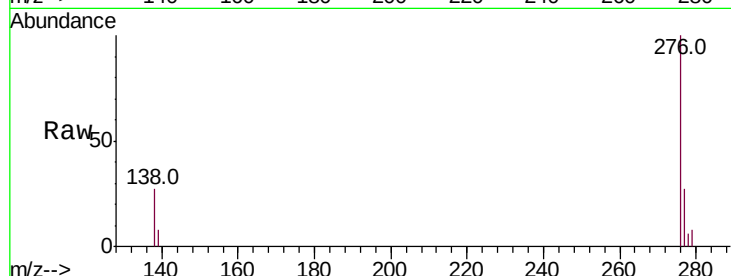
Tot Ion:276 Resp: 11042

Ion Ratio Lower Upper

276 100

277 27.3 20.5 30.7

138 27.1 17.8 26.6#



Abundance Ion 276.00 (275.70 to 276.70): E

5000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

