

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
 Data File : BN011653.D
 Acq On : 26 Aug 2020 19:57
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Aug 27 00:19:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2455	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	9801	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	5935	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	12823	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	14118	0.40	ng	-0.01
36) Perylene-d12	23.59	264	15286	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	3113	0.40	ng	0.00
5) Phenol-d6	6.91	99	4252	0.38	ng	0.00
8) Nitrobenzene-d5	8.88	82	3772	0.44	ng	-0.03
11) 2-Methylnaphthalene-d10	12.13	152	7017	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	1144	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	9574	0.41	ng	-0.03
27) Fluoranthene-d10	19.17	212	15939	0.38	ng	0.00
31) Terphenyl-d14	19.77	244	14298	0.40	ng	-0.01

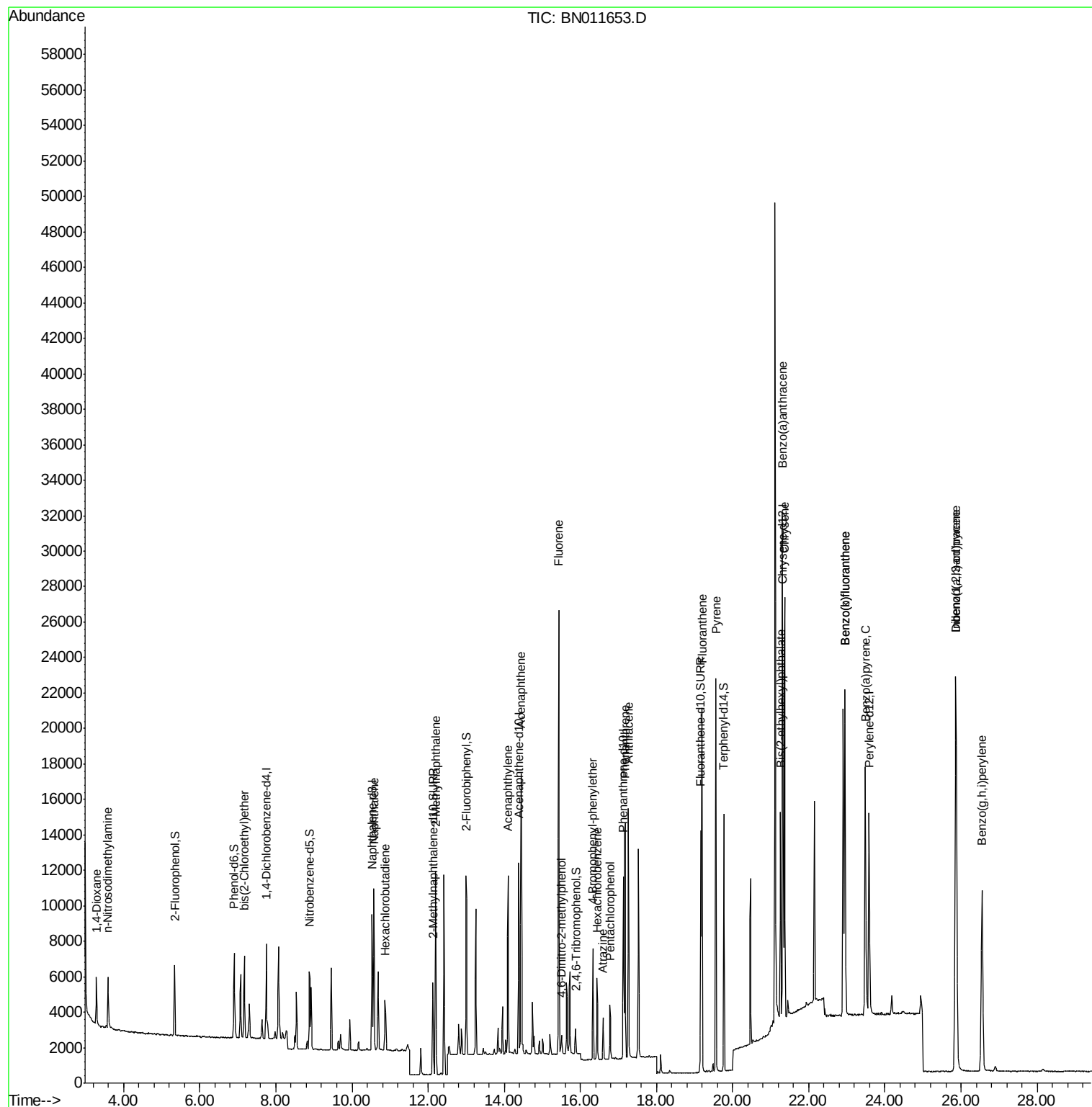
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1673	0.439	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	1807	0.451	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	3307	0.419	ng	96
9) Naphthalene	10.58	128	11166	0.401	ng	94
10) Hexachlorobutadiene	10.87	225	2385	0.409	ng	# 99
12) 2-Methylnaphthalene	12.20	142	7832	0.381	ng	97
16) Acenaphthylene	14.10	152	11137	0.356	ng	99
17) Acenaphthene	14.45	154	7750	0.391	ng	97
18) Fluorene	15.44	166	9719	0.379	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	767	0.519	ng	# 34
21) 4-Bromophenyl-phenylether	16.32	248	2861	0.382	ng	93
22) Hexachlorobenzene	16.43	284	3566	0.412	ng	99
23) Atrazine	16.59	200	1922	0.260	ng	96
24) Pentachlorophenol	16.77	266	1537	0.403	ng	96
25) Phenanthrene	17.17	178	15871	0.398	ng	99
26) Anthracene	17.26	178	14018	0.357	ng	99
28) Fluoranthene	19.20	202	18842	0.390	ng	99
30) Pyrene	19.56	202	19466	0.389	ng	100
32) Benzo(a)anthracene	21.31	228	20567	0.404	ng	99
33) Chrysene	21.36	228	20484	0.422	ng	99
34) Bis(2-ethylhexyl)phthalate	21.26	149	9707	0.252	ng	96
35) Indeno(1,2,3-cd)pyrene	25.86	276	27244	0.460	ng	# 100
37) Benzo(b)fluoranthene	22.95	252	22878	0.413	ng	96
38) Benzo(k)fluoranthene	22.95	252	22875	0.415	ng	# 92
39) Benzo(a)pyrene	23.49	252	20401	0.395	ng	96
40) Dibenzo(a,h)anthracene	25.88	278	22446	0.416	ng	# 92
41) Benzo(g,h,i)perylene	26.55	276	21850	0.417	ng	95

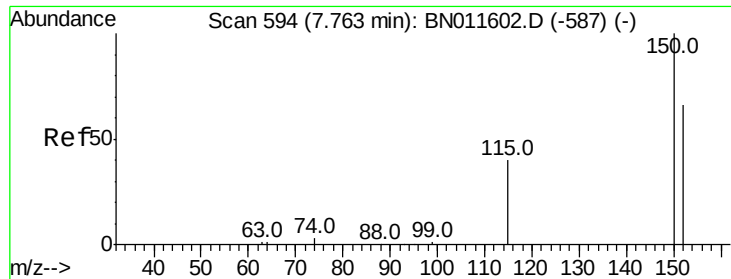
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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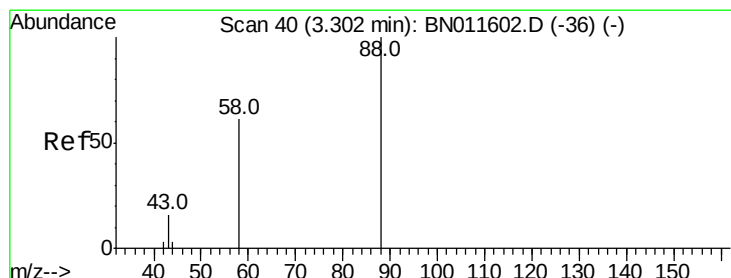
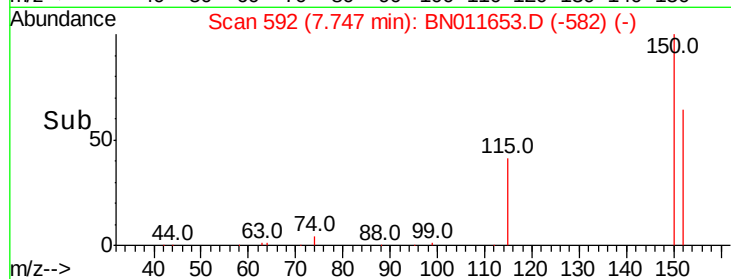
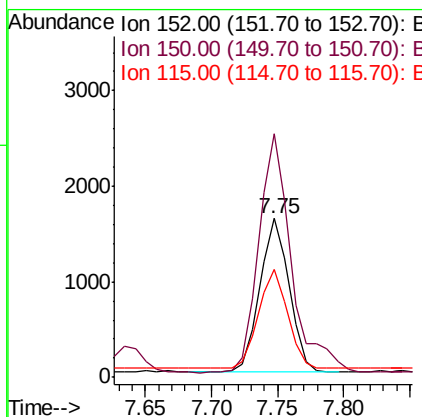
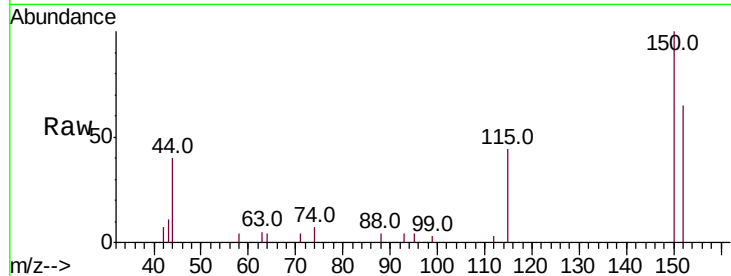


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

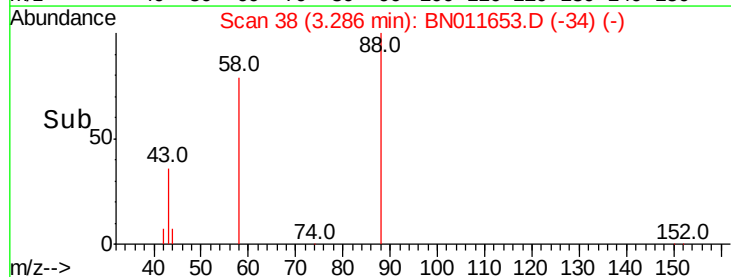
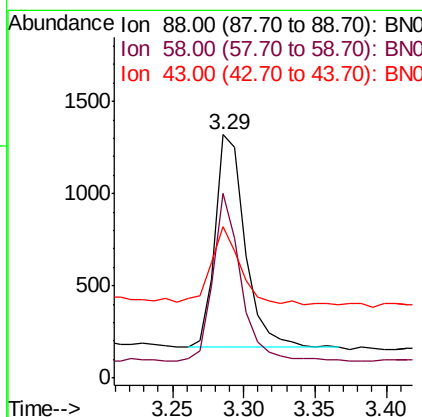
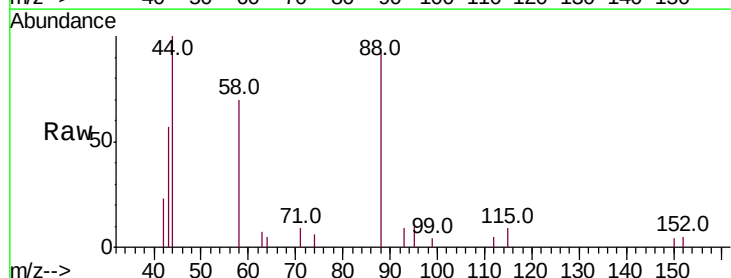
Tot Ion:152 Resp: 2455
Ion Ratio Lower Upper
152 100
150 153.6 112.4 168.6
115 68.3 56.9 85.3

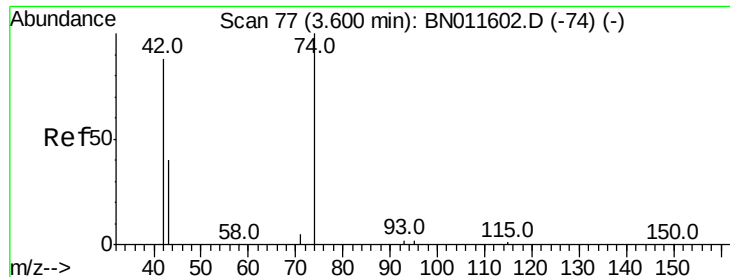


#2

1,4-Dioxane
Concen: 0.439 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Tgt Ion: 88 Resp: 1673
Ion Ratio Lower Upper
88 100
58 71.2 3.0 4.4#
43 35.1 0.0 0.0#



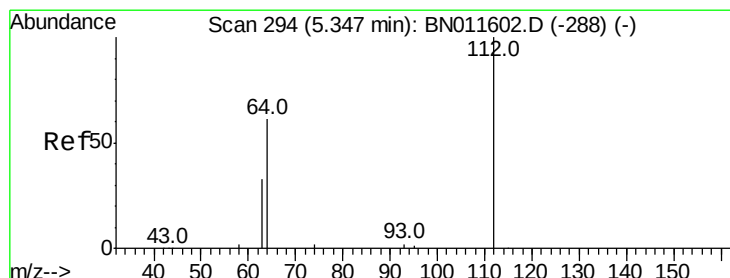
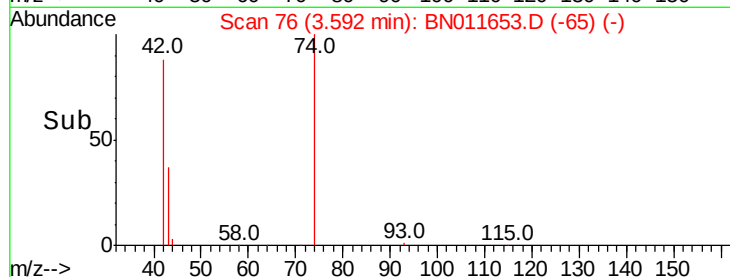
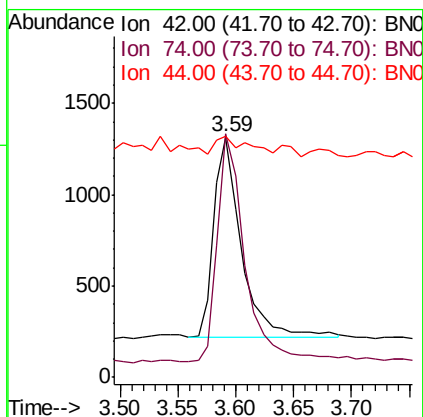
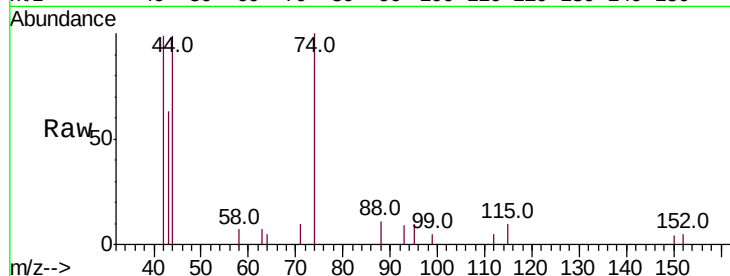


#3

n-Nitrosodimethylamine
 Concen: 0.451 ng
 RT: 3.59 min Scan# 76
 Delta R.T. -0.01 min
 Lab File: BN011653.D
 Acq: 26 Aug 2020 19:57

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

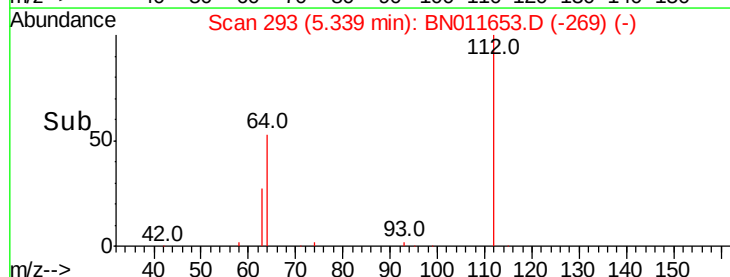
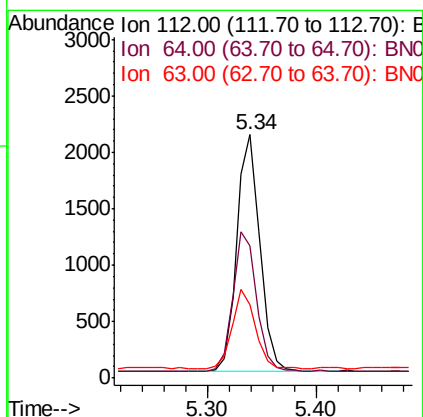
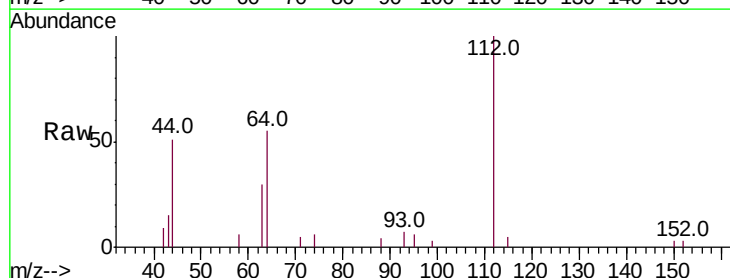
Tot Ion: 42 Resp: 1807
 Ion Ratio Lower Upper
 42 100
 74 114.6 0.0 0.0#
 44 10.4 8.2 12.4

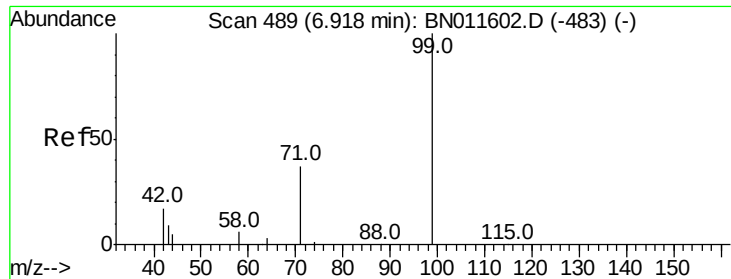


#4

2-Fluorophenol
 Concen: 0.397 ng
 RT: 5.34 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BN011653.D
 Acq: 26 Aug 2020 19:57

Tgt Ion: 112 Resp: 3113
 Ion Ratio Lower Upper
 112 100
 64 60.2 49.6 74.4
 63 33.5 26.4 39.6





#5

Phenol-d6

Concen: 0.383 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

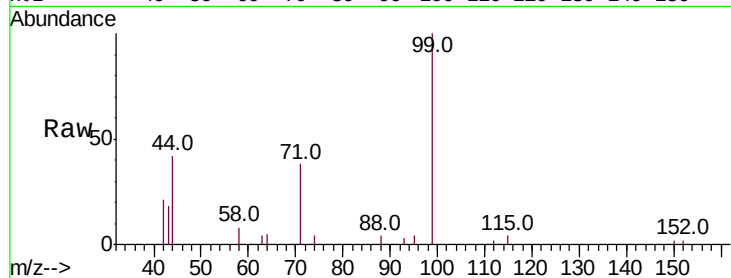
Tot Ion: 99 Resp: 4252

Ion Ratio Lower Upper

99 100

42 21.8 0.0 0.0#

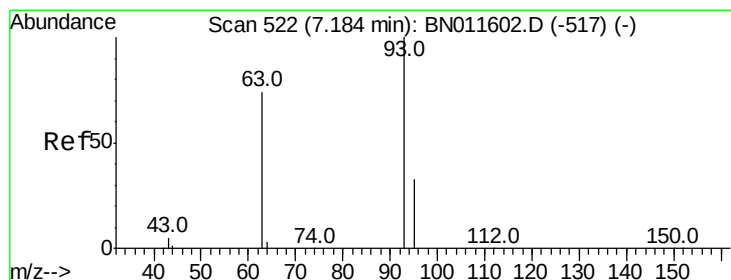
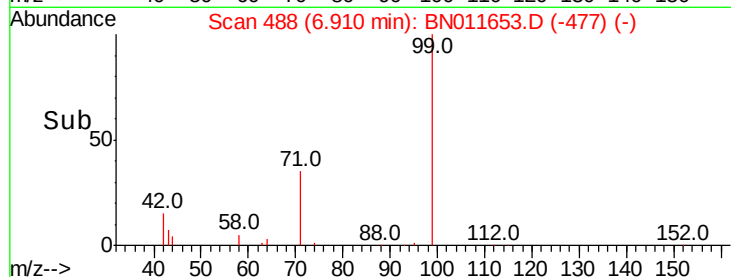
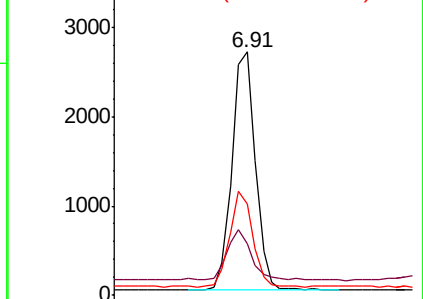
71 39.5 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.419 ng

RT: 7.17 min Scan# 520

Delta R.T. -0.02 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

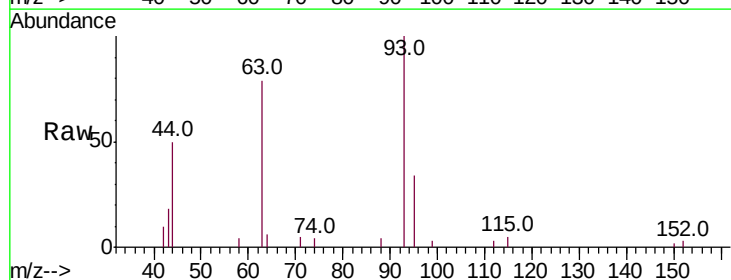
Tgt Ion: 93 Resp: 3307

Ion Ratio Lower Upper

93 100

63 74.7 57.8 86.8

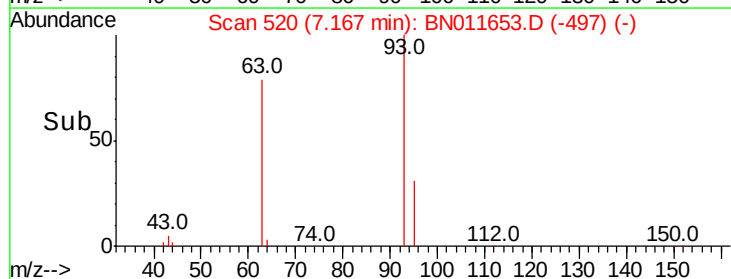
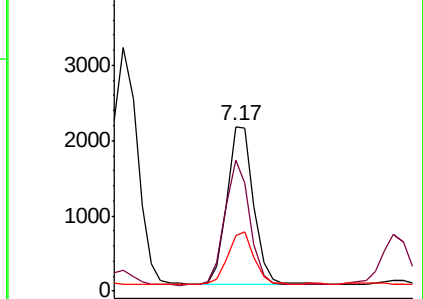
95 32.0 28.3 42.5

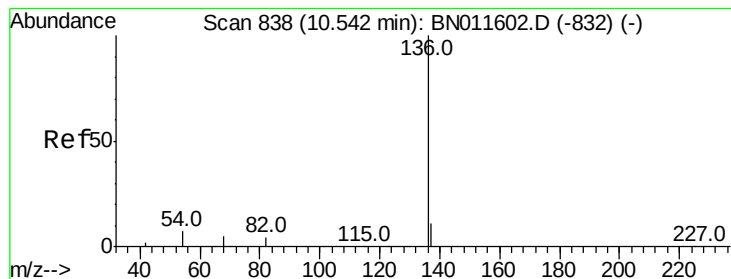


Abundance Ion 93.00 (92.70 to 93.70): BN011602.D (-517) (-)

Ion 63.00 (62.70 to 63.70): BN011602.D (-517) (-)

Ion 95.00 (94.70 to 95.70): BN011602.D (-517) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 9801

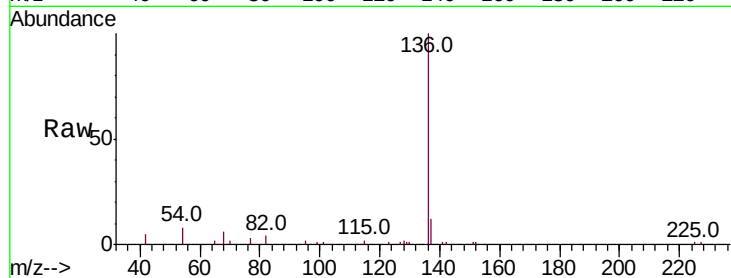
Ion Ratio Lower Upper

136 100

137 11.5 11.5 17.3#

54 7.8 11.9 17.9#

68 6.1 12.3 18.5#

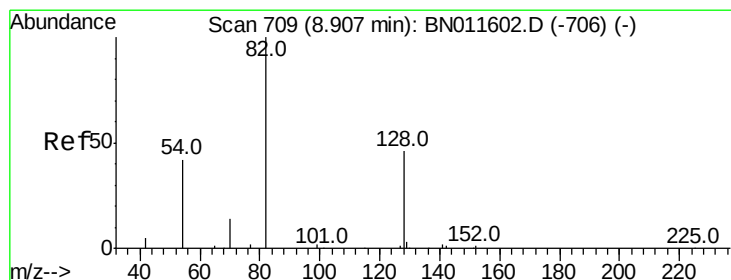
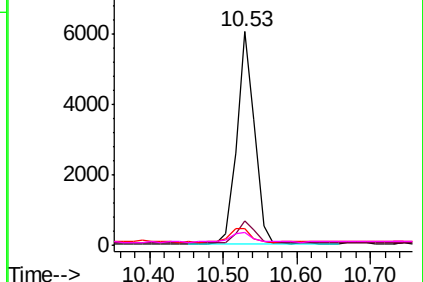
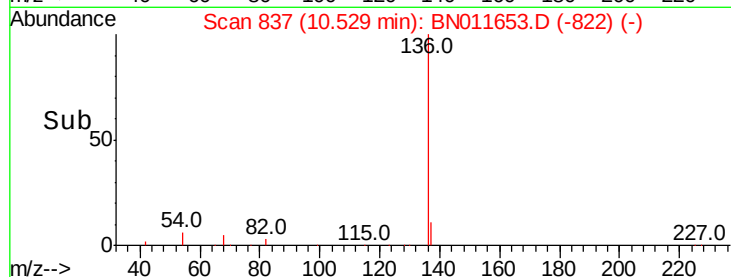


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.444 ng

RT: 8.88 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

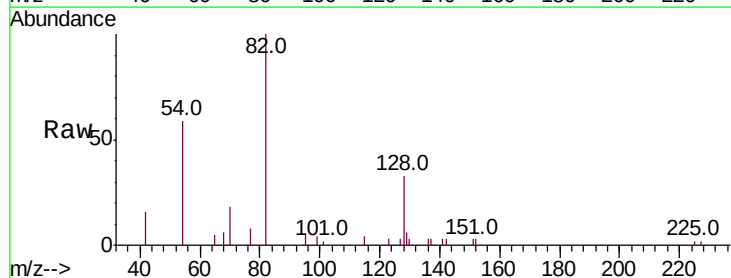
Tgt Ion: 82 Resp: 3772

Ion Ratio Lower Upper

82 100

128 33.1 31.1 46.7

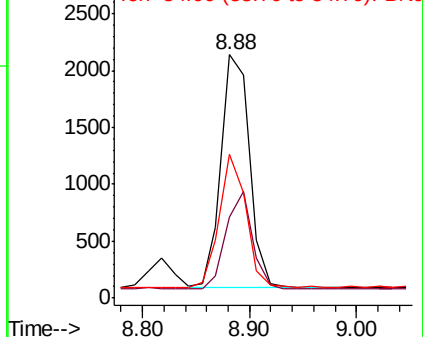
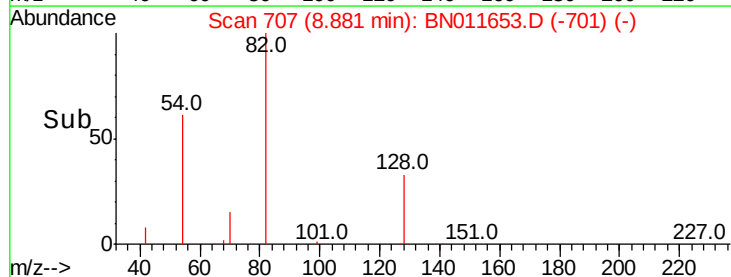
54 59.0 37.1 55.7#

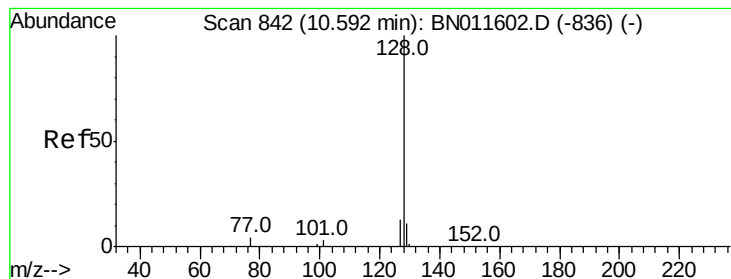


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.58 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

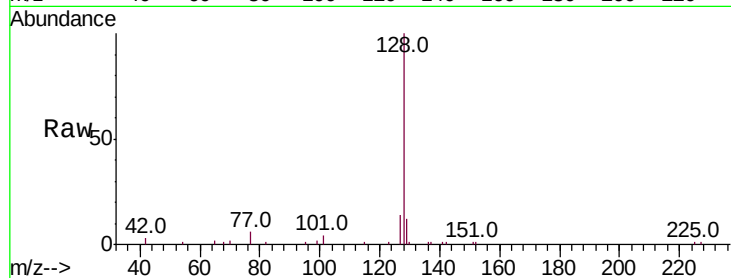
Tot Ion:128 Resp: 11166

Ion Ratio Lower Upper

128 100

129 11.9 11.0 16.4

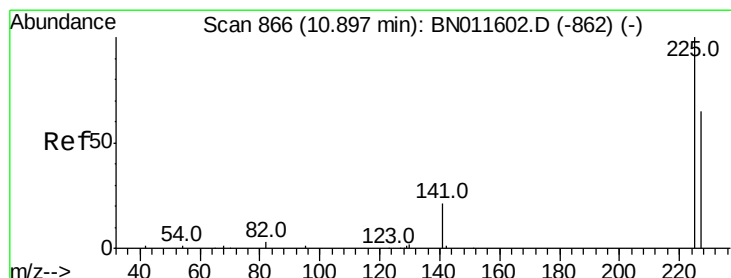
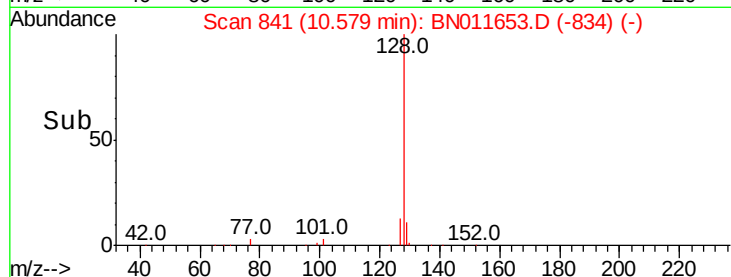
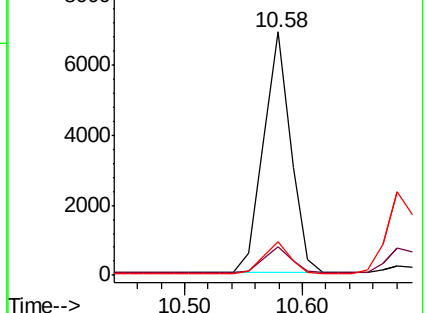
127 13.8 13.5 20.3



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: 0.409 ng

RT: 10.87 min Scan# 864

Delta R.T. -0.03 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

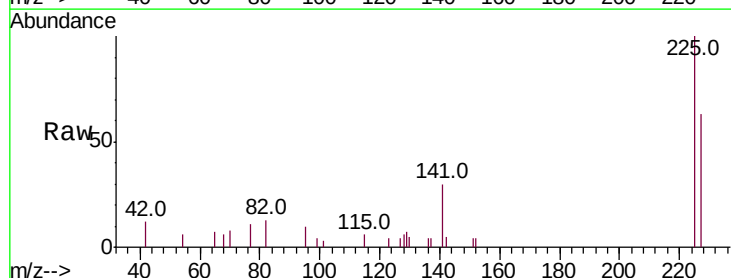
Tgt Ion:225 Resp: 2385

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

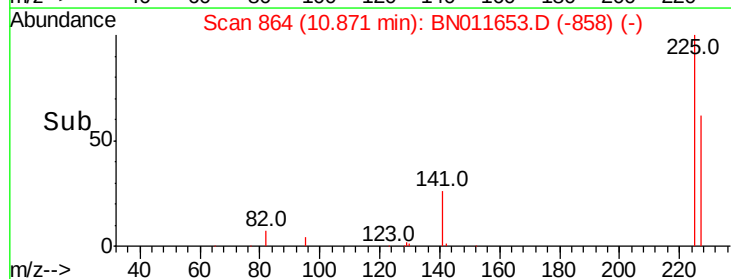
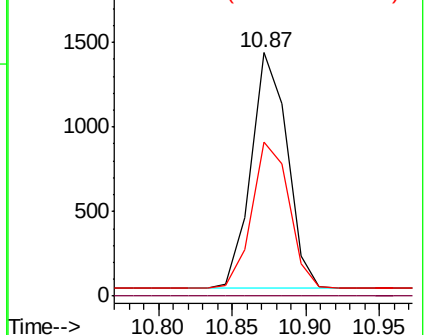
227 63.5 50.2 75.2

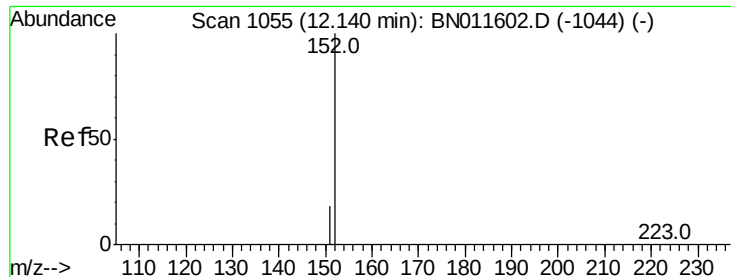


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

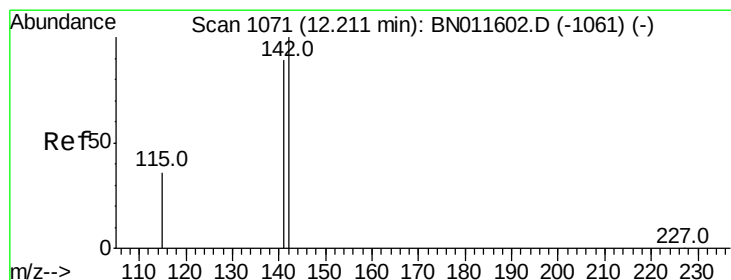
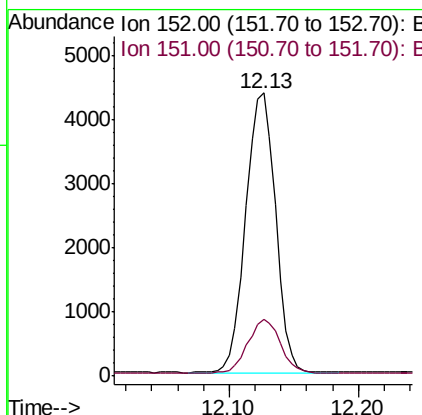
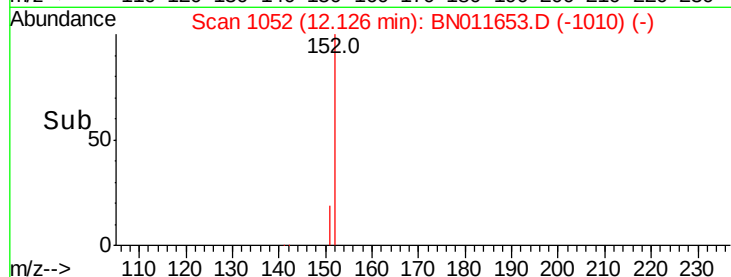
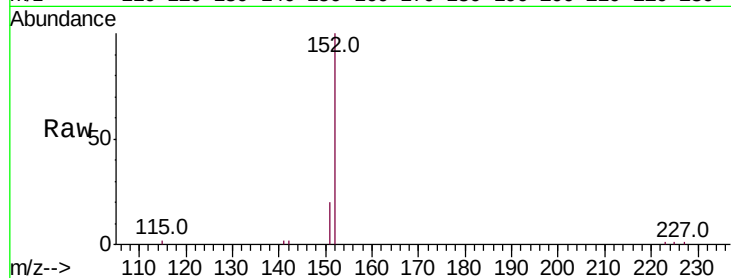




#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.13 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

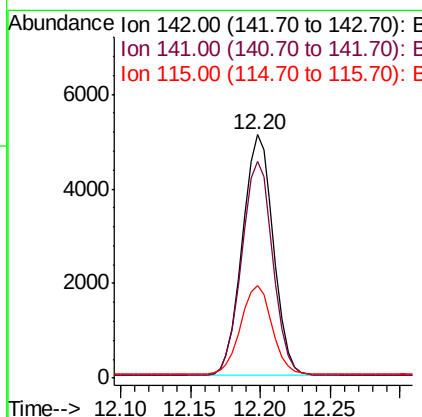
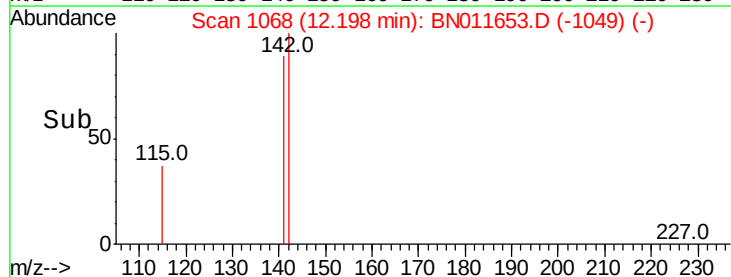
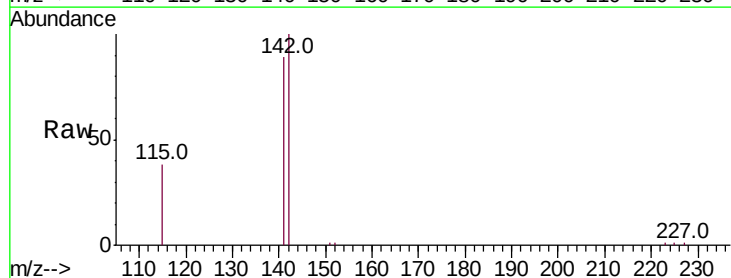
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

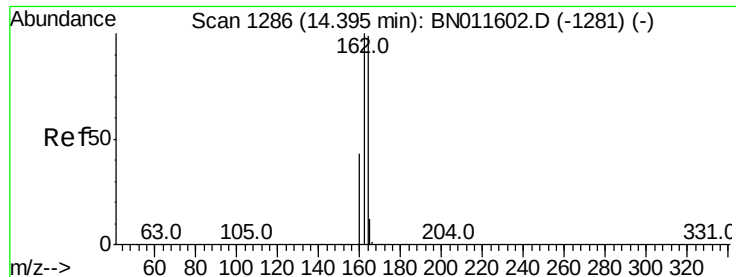
Tot Ion:152 Resp: 7017
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.20 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Tgt Ion:142 Resp: 7832
Ion Ratio Lower Upper
142 100
141 88.9 72.7 109.1
115 38.2 32.7 49.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

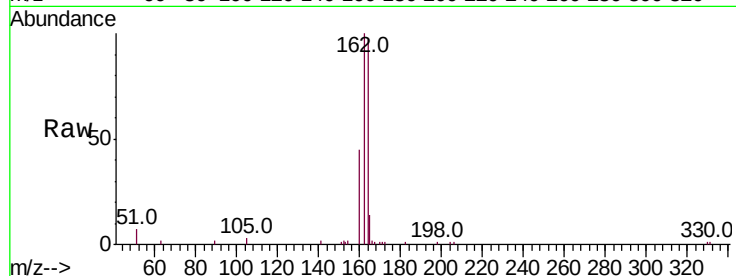
Tot Ion:164 Resp: 5935

Ion Ratio Lower Upper

164 100

162 103.4 80.8 121.2

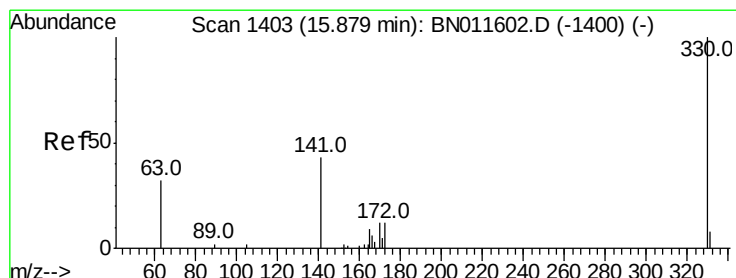
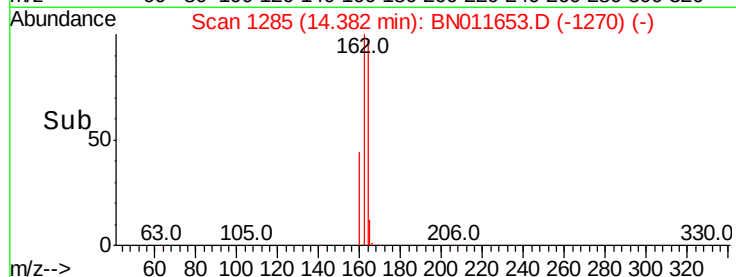
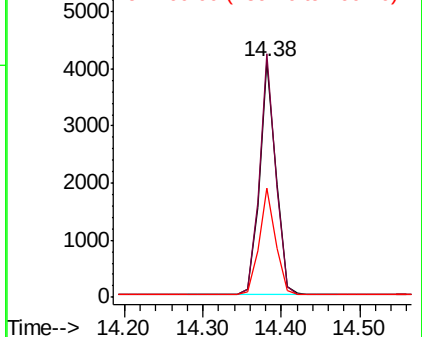
160 46.3 35.6 53.4



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: 0.351 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

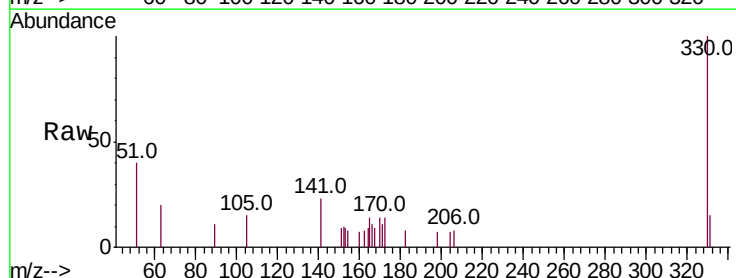
Tgt Ion:330 Resp: 1144

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

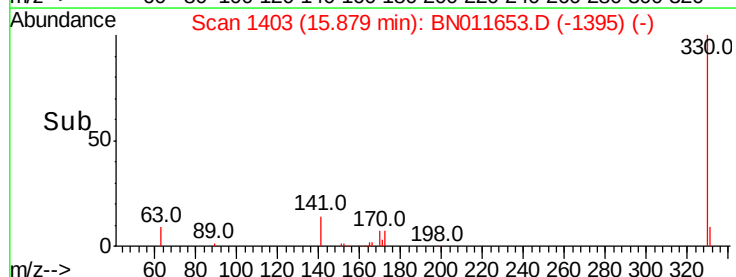
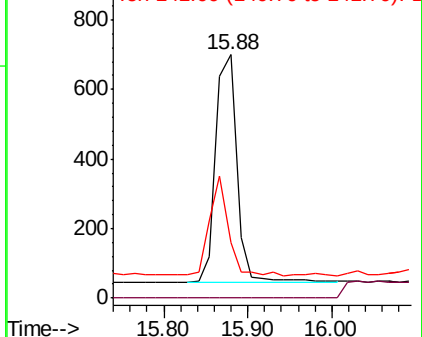
141 38.3 29.4 44.2

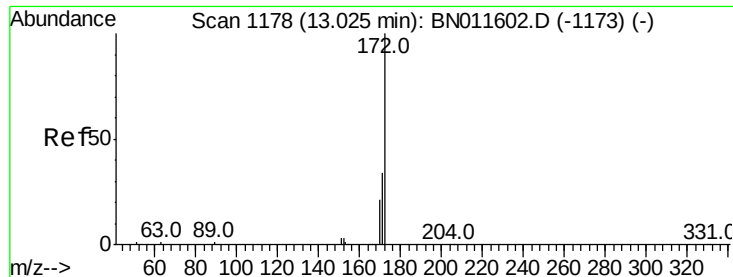


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

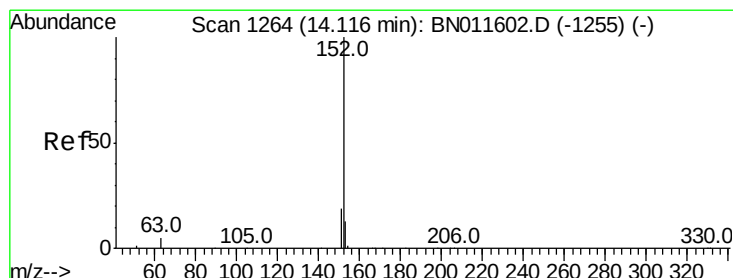
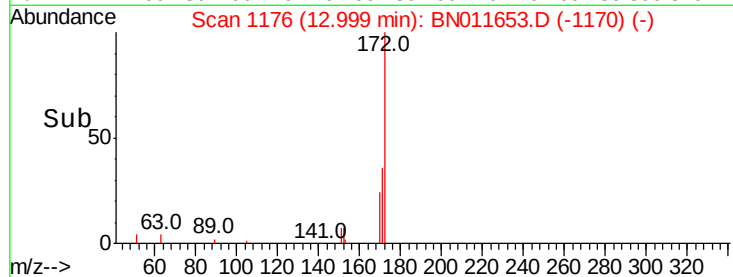
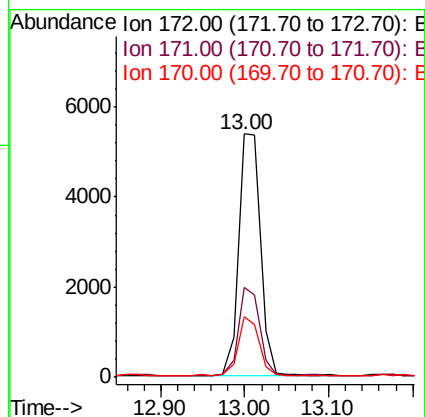
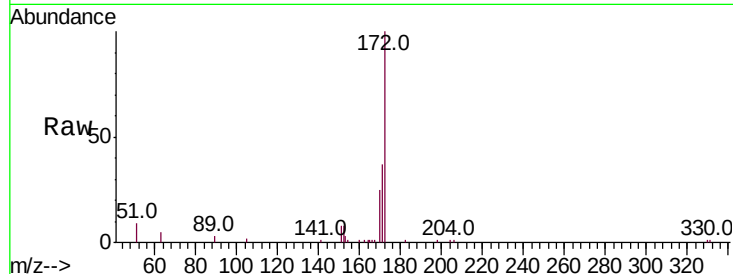




#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.00 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

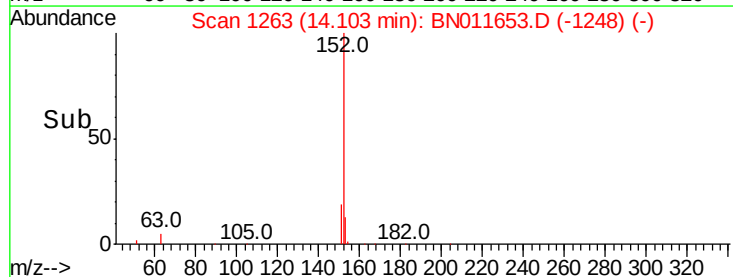
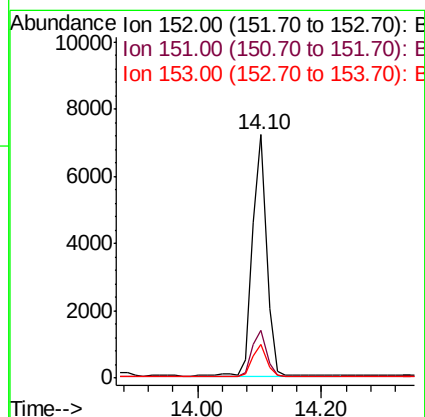
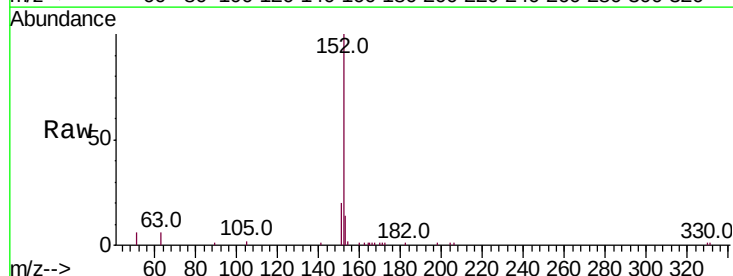
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

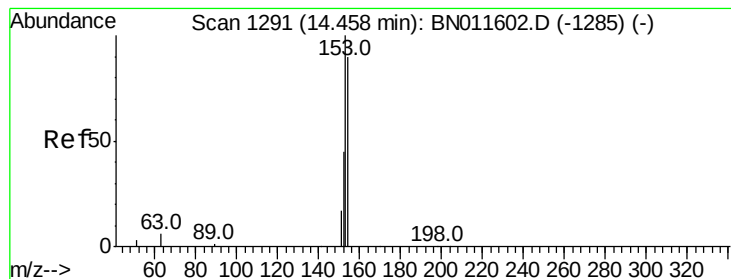
Tot Ion:172 Resp: 9574
Ion Ratio Lower Upper
172 100
171 36.7 28.6 42.8
170 25.1 18.2 27.2



#16
Acenaphthylene
Concen: 0.356 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Tgt Ion:152 Resp: 11137
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 11.0 16.4





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

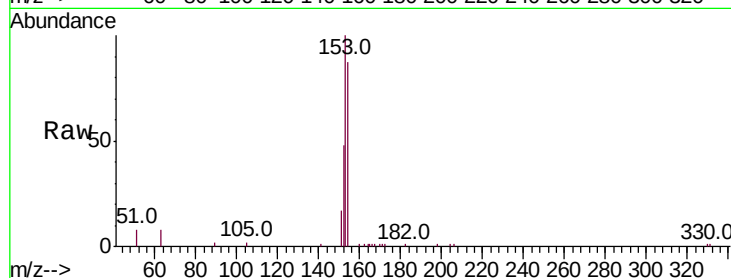
Tot Ion:154 Resp: 7750

Ion Ratio Lower Upper

154 100

153 110.4 86.6 130.0

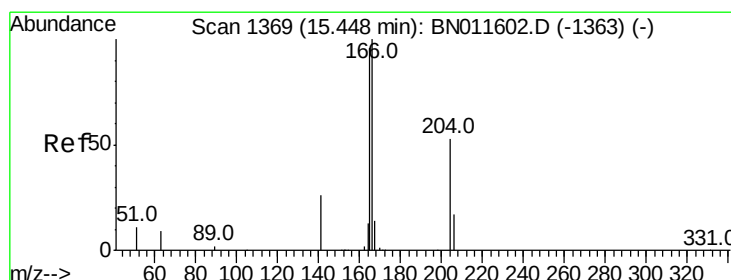
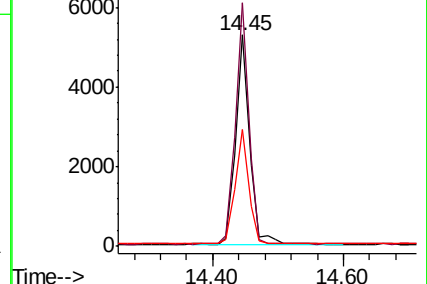
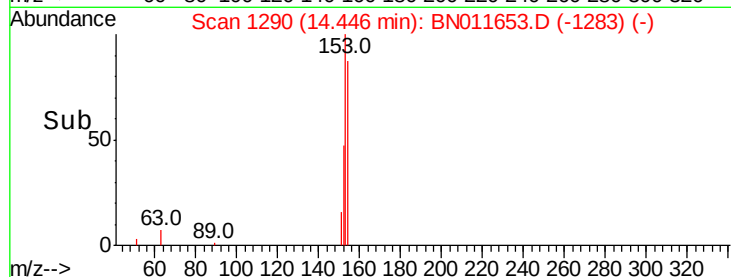
152 53.0 40.1 60.1



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: 0.379 ng

RT: 15.44 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

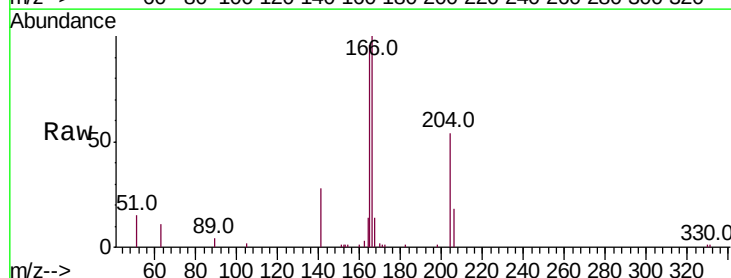
Tgt Ion:166 Resp: 9719

Ion Ratio Lower Upper

166 100

165 97.6 77.4 116.2

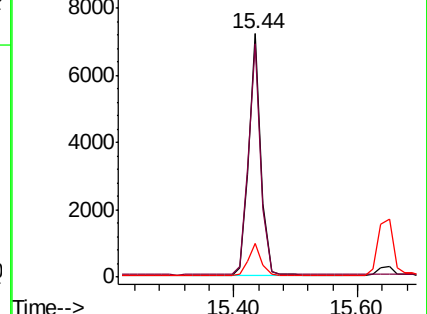
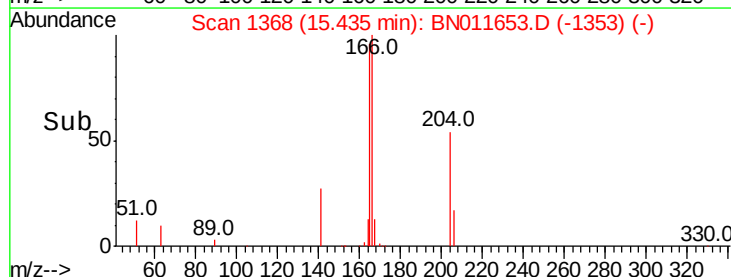
167 13.2 11.5 17.3

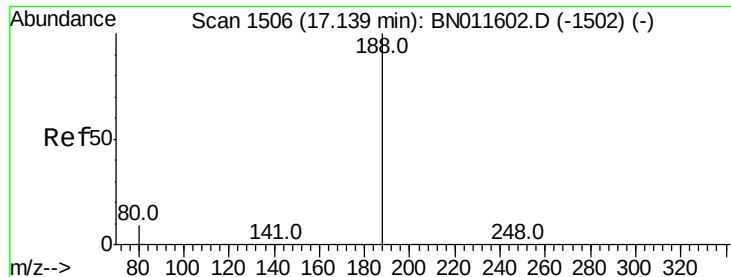


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

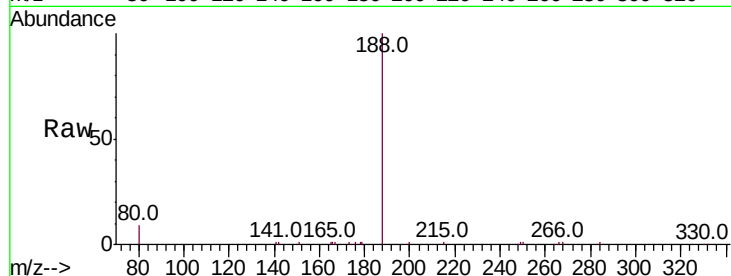
Tot Ion:188 Resp: 12823

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

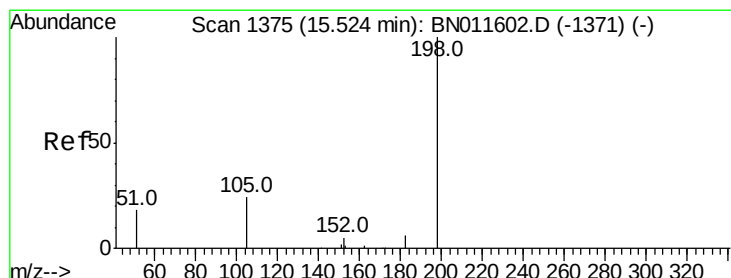
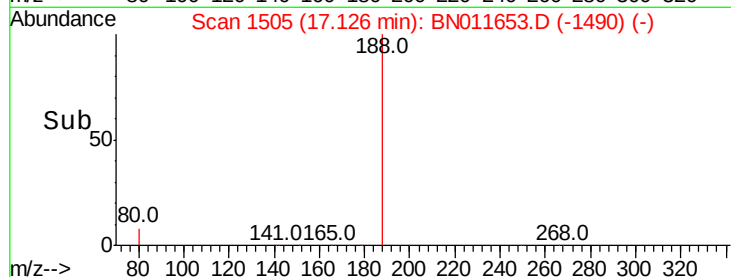
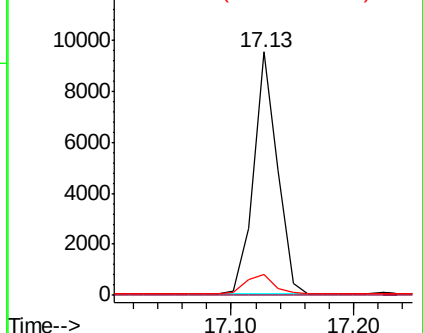
80 8.6 9.2 13.8#



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: 0.519 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

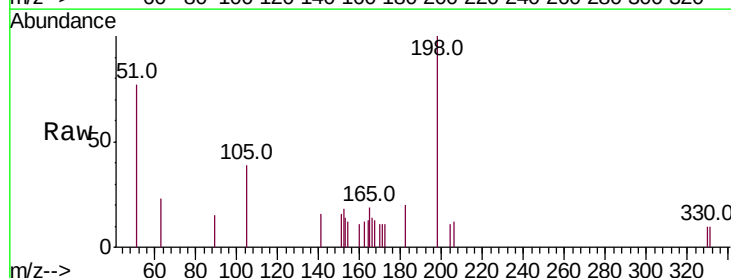
Tgt Ion:198 Resp: 767

Ion Ratio Lower Upper

198 100

51 76.5 99.6 149.4#

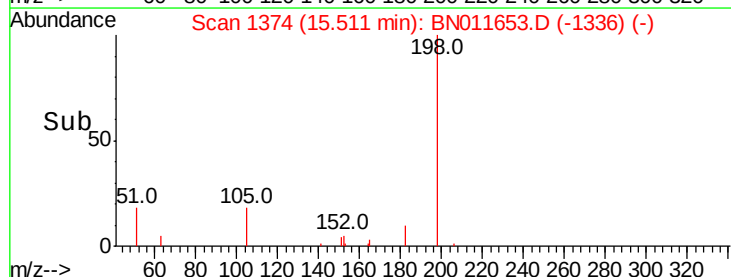
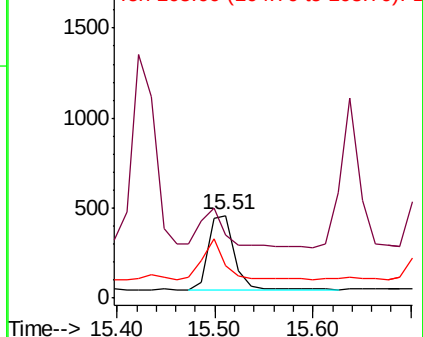
105 39.1 118.8 178.2#

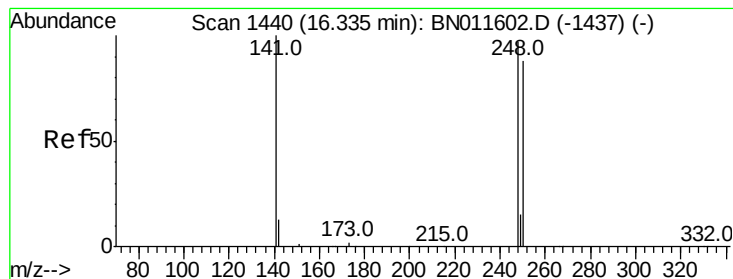


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.382 ng

RT: 16.32 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

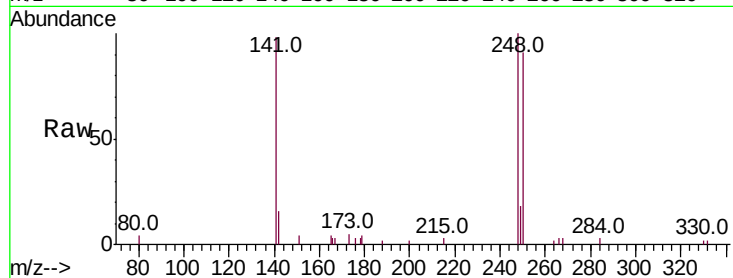
Tot Ion:248 Resp: 2861

Ion Ratio Lower Upper

248 100

250 91.3 73.4 110.2

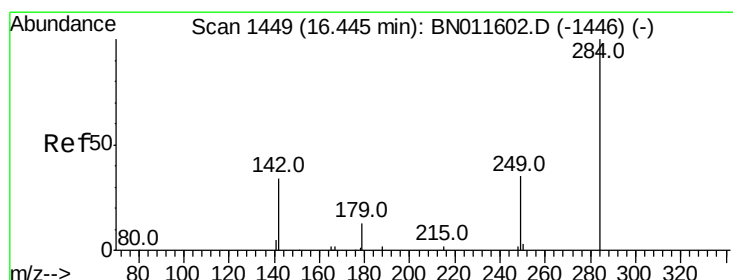
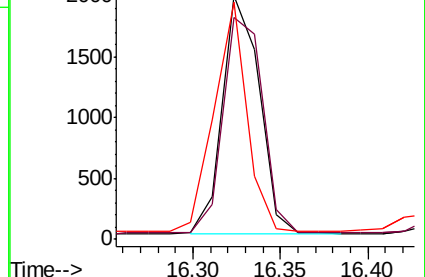
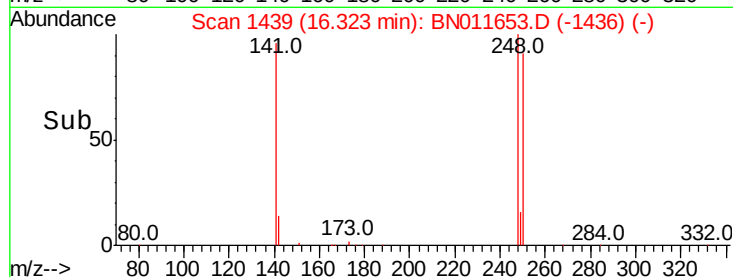
141 97.5 88.5 132.7



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: 0.412 ng

RT: 16.43 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

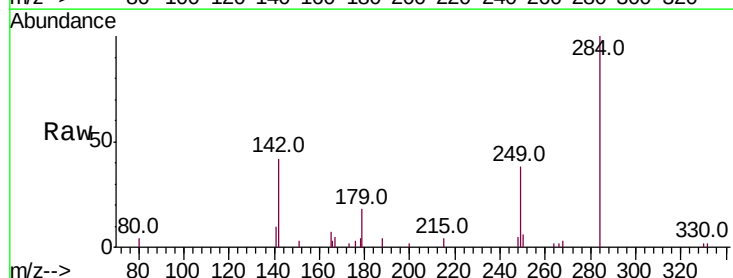
Tgt Ion:284 Resp: 3566

Ion Ratio Lower Upper

284 100

142 35.0 27.3 40.9

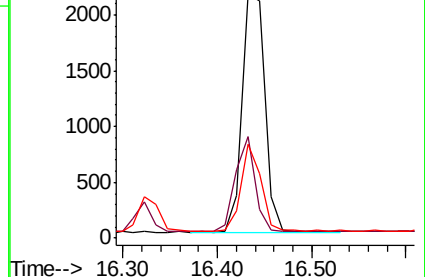
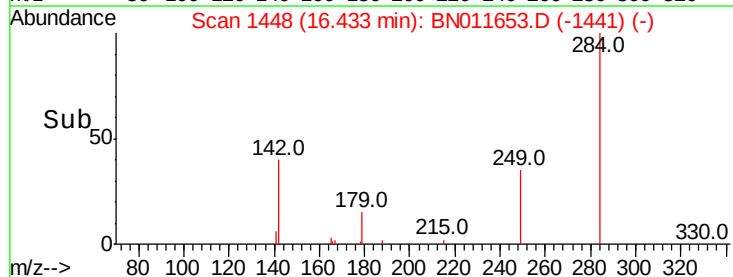
249 31.5 25.2 37.8

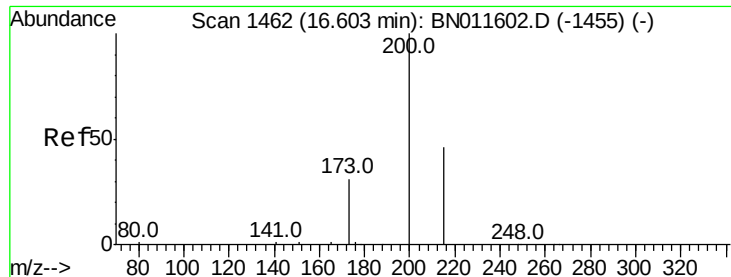


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

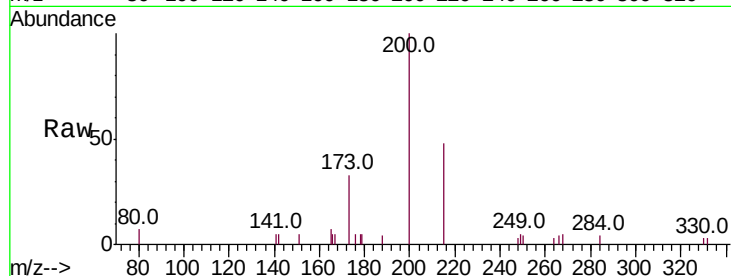




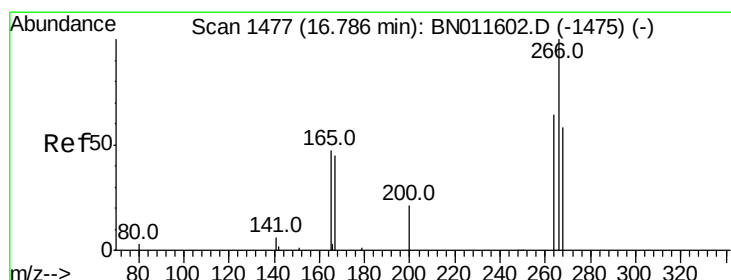
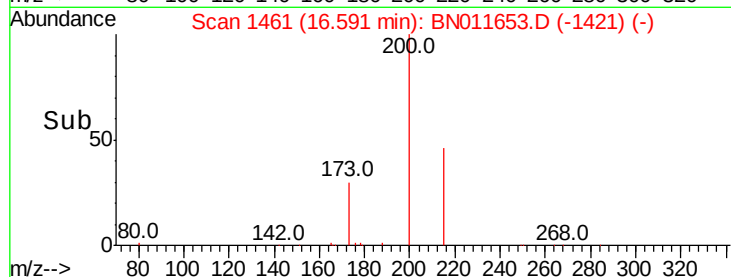
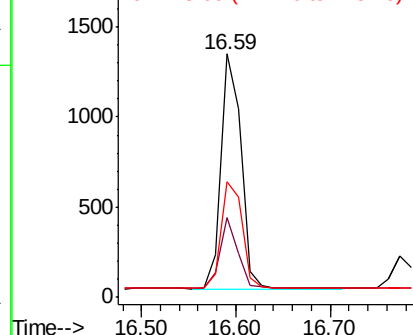
#23
Atrazine
Concen: 0.260 ng
RT: 16.59 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:200 Resp: 1922
Ion Ratio Lower Upper
200 100
173 32.6 28.2 42.4
215 47.5 39.8 59.6

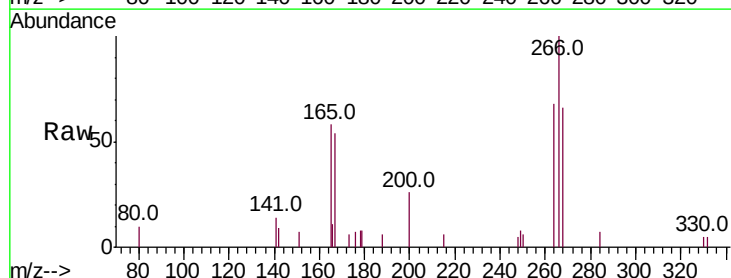


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

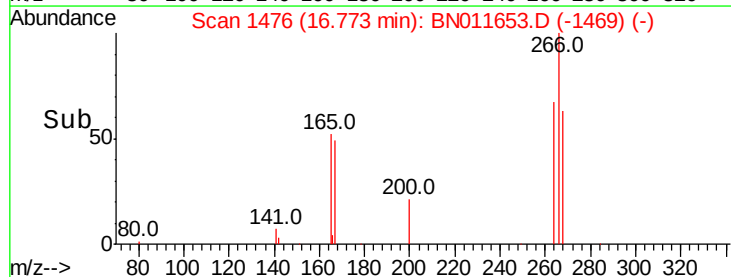
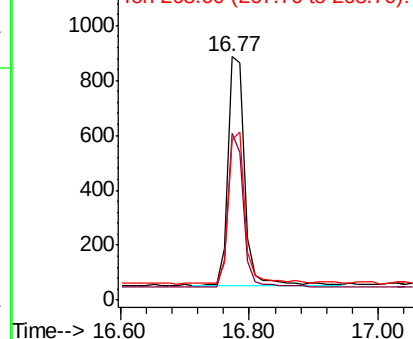


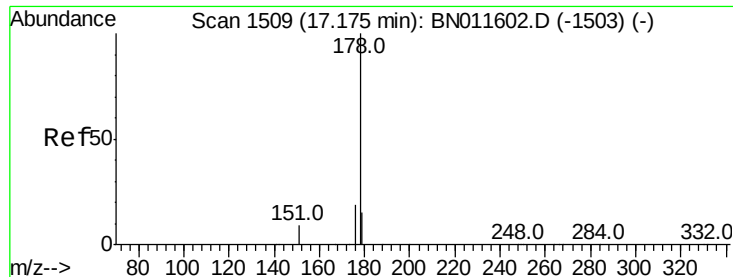
#24
Pentachlorophenol
Concen: 0.403 ng
RT: 16.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Tgt Ion:266 Resp: 1537
Ion Ratio Lower Upper
266 100
264 62.2 48.1 72.1
268 64.8 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: 0.398 ng

RT: 17.17 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

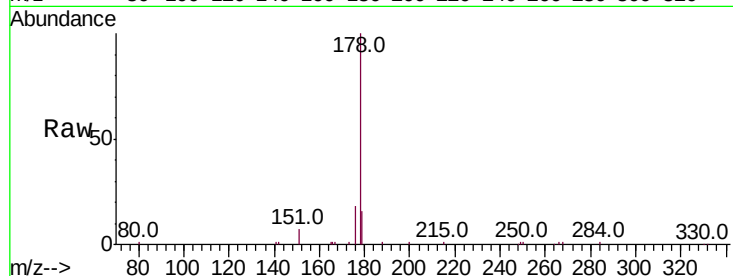
Tot Ion:178 Resp: 15871

Ion Ratio Lower Upper

178 100

176 18.3 15.0 22.4

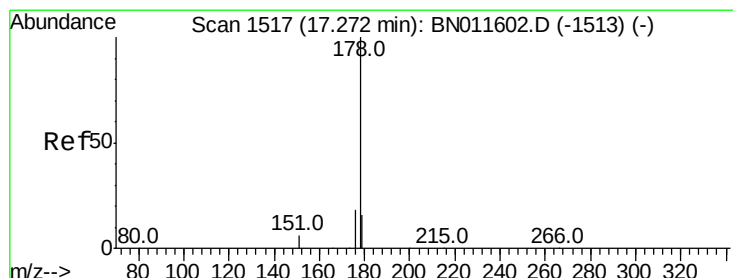
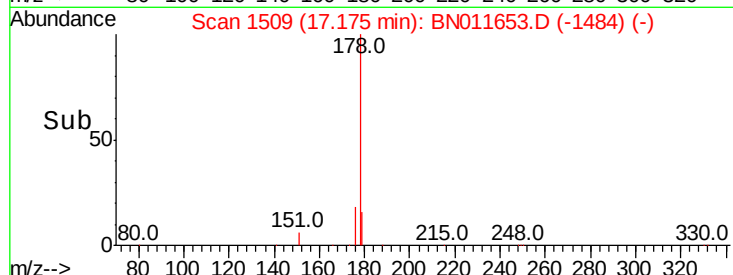
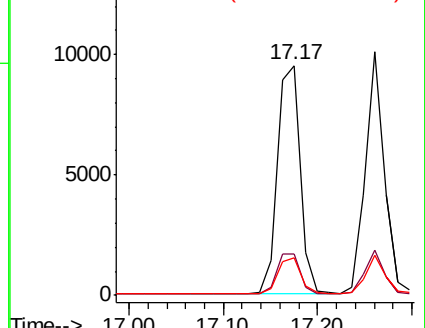
179 15.7 12.6 18.8



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: 0.357 ng

RT: 17.26 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

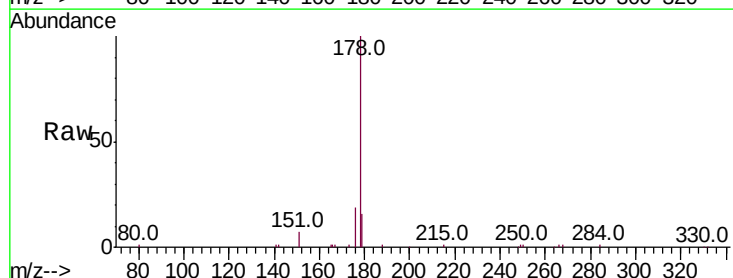
Tgt Ion:178 Resp: 14018

Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

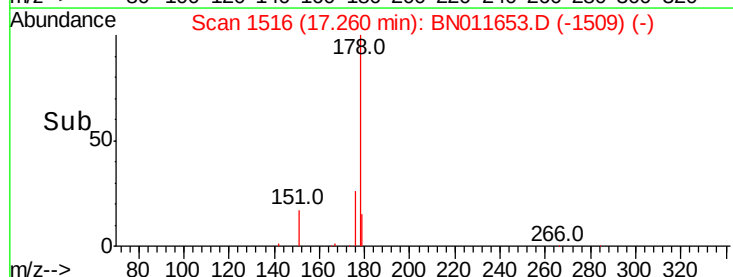
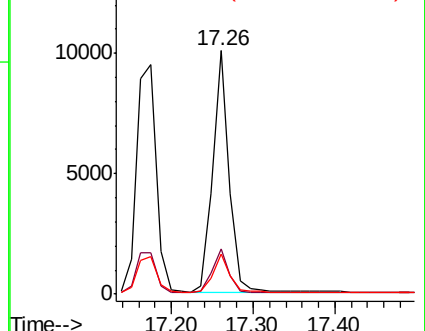
179 16.1 12.5 18.7

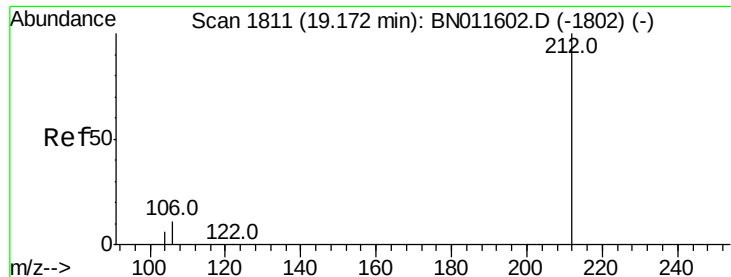


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

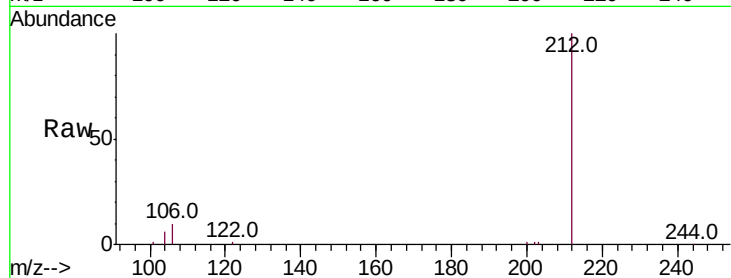




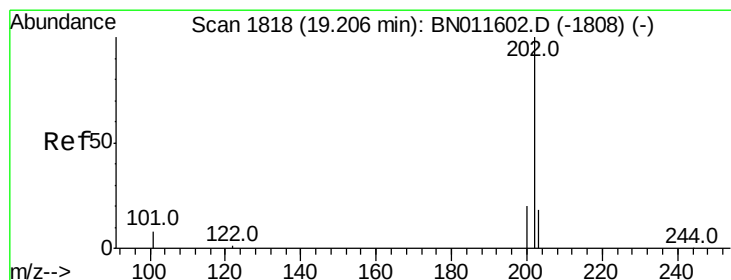
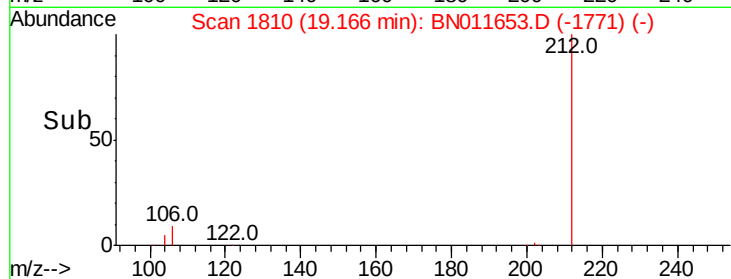
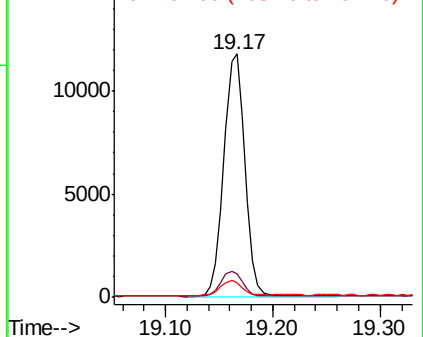
#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.17 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:212 Resp: 15939
Ion Ratio Lower Upper
212 100
106 10.5 8.9 13.3
104 6.2 5.3 7.9

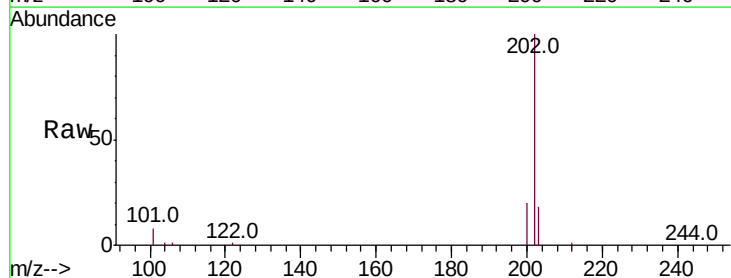


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

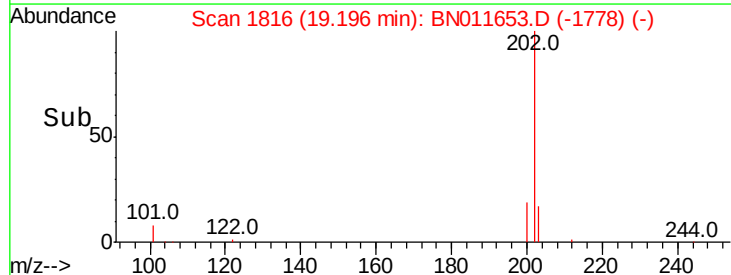
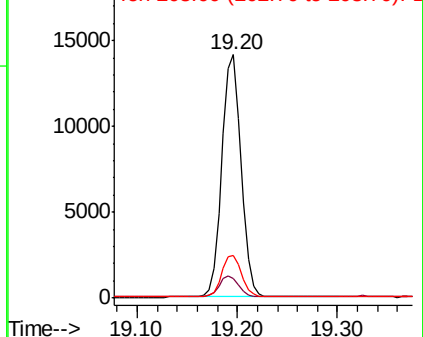


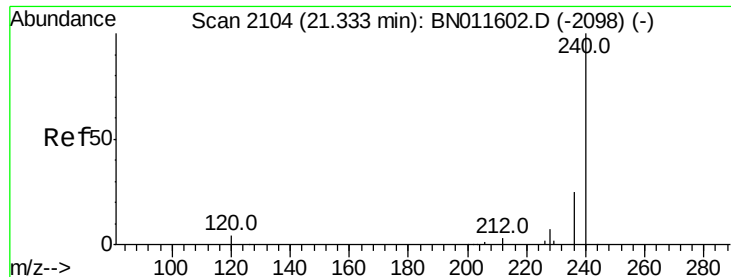
#28
Fluoranthene
Concen: 0.390 ng
RT: 19.20 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Tgt Ion:202 Resp: 18842
Ion Ratio Lower Upper
202 100
101 9.0 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

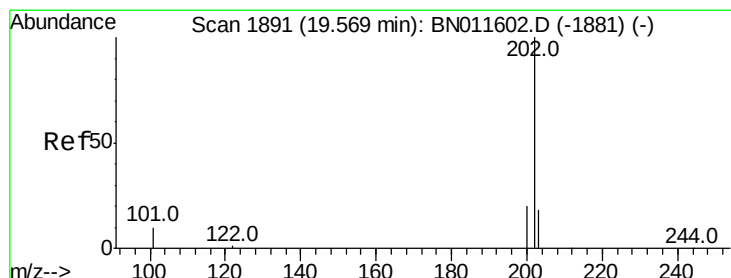
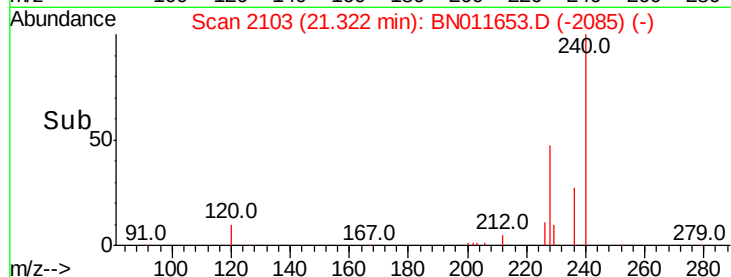
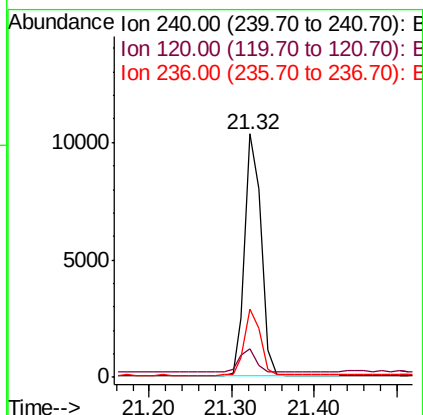
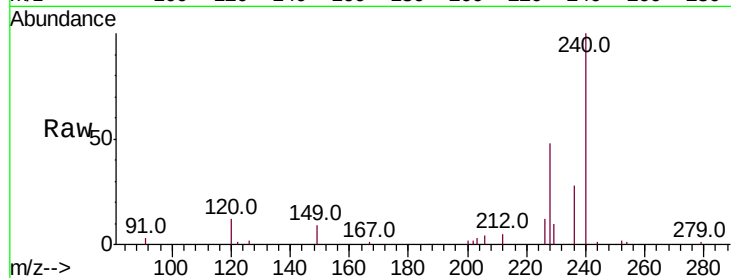




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

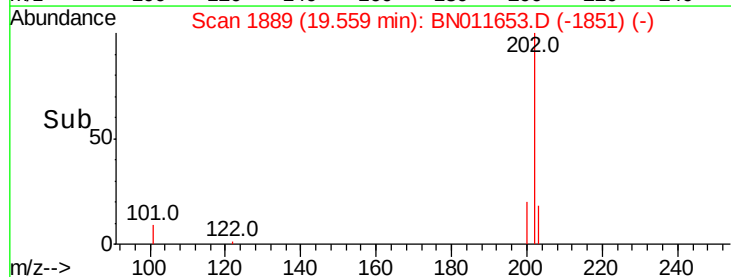
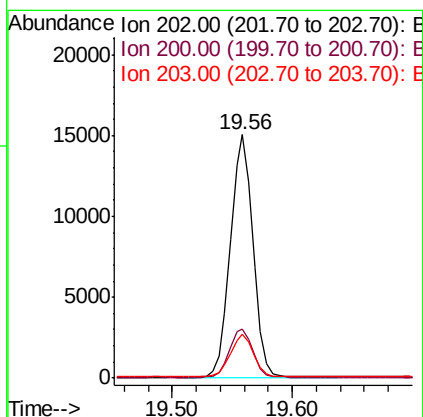
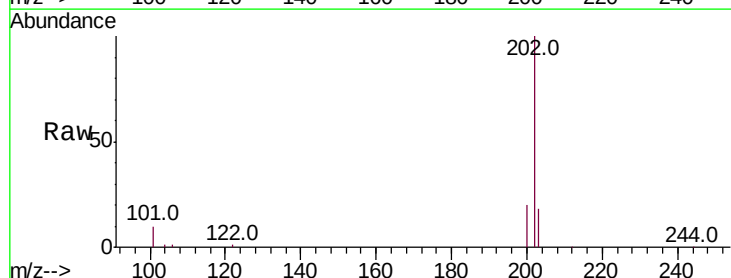
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

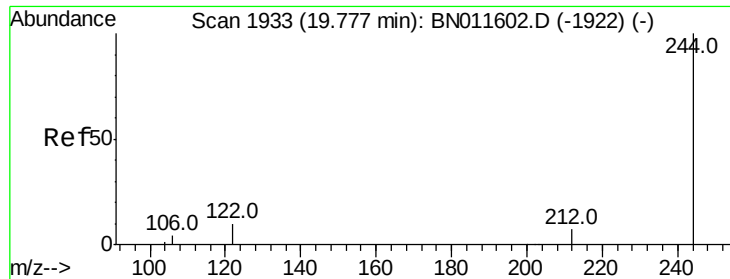
Tot Ion:240 Resp: 14118
Ion Ratio Lower Upper
240 100
120 11.7 6.0 9.0#
236 27.9 20.8 31.2



#30
Pyrene
Concen: 0.389 ng
RT: 19.56 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Tgt Ion:202 Resp: 19466
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.8 14.2 21.4





#31

Terphenyl-d14

Concen: 0.396 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

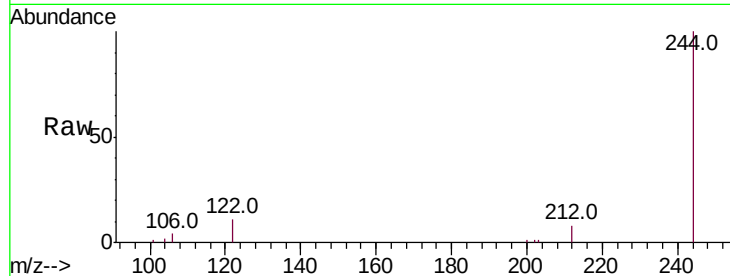
Tot Ion:244 Resp: 14298

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

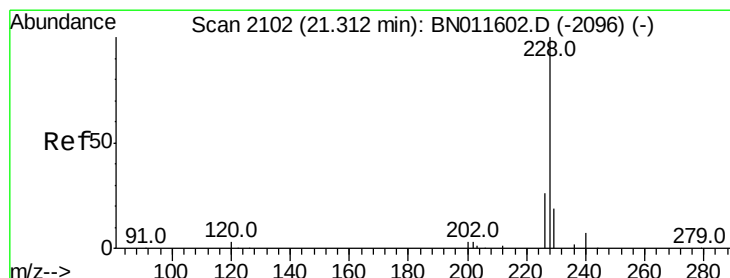
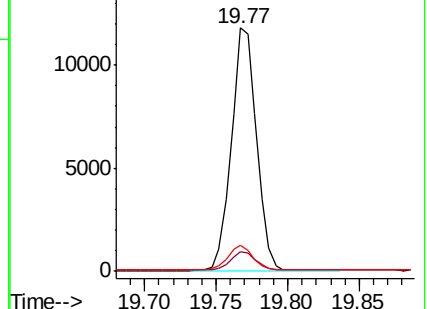
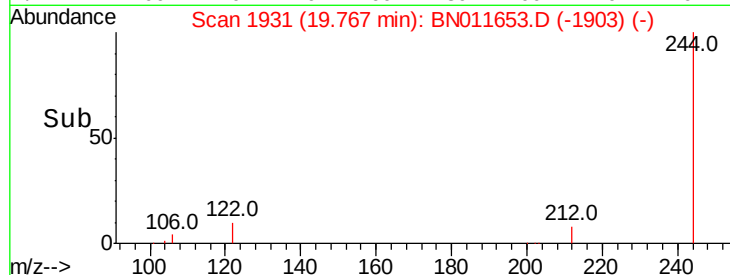
122 10.9 9.5 14.3



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: 0.404 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

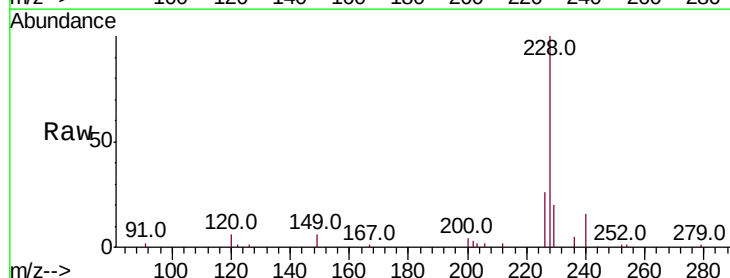
Tgt Ion:228 Resp: 20567

Ion Ratio Lower Upper

228 100

226 25.9 21.2 31.8

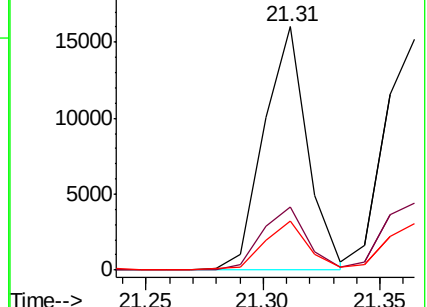
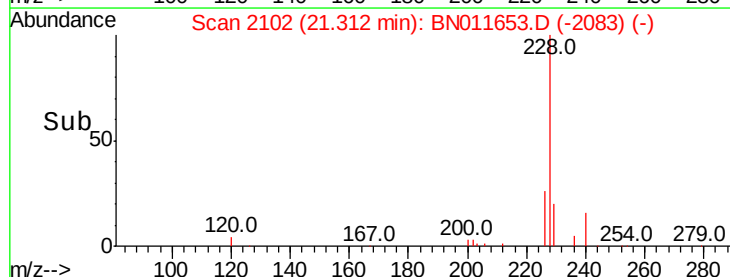
229 20.0 15.8 23.8

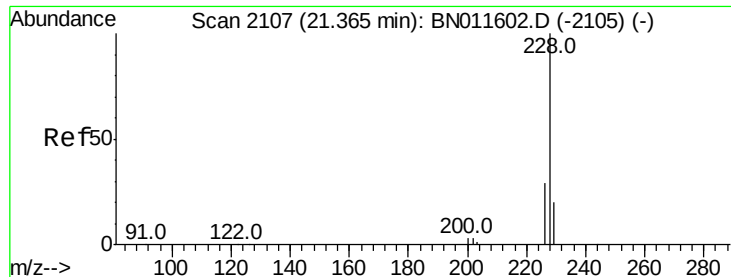


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.422 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

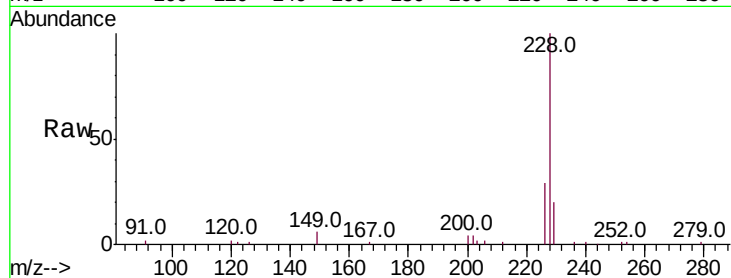
Tot Ion:228 Resp: 20484

Ion Ratio Lower Upper

228 100

226 28.9 23.6 35.4

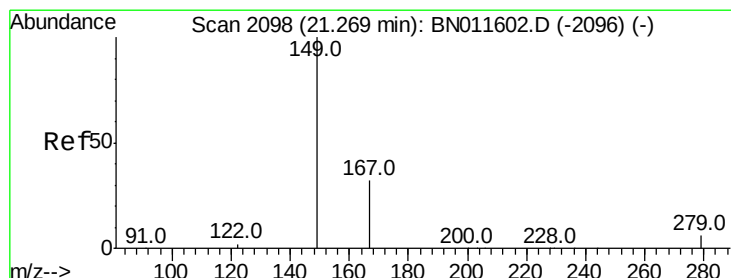
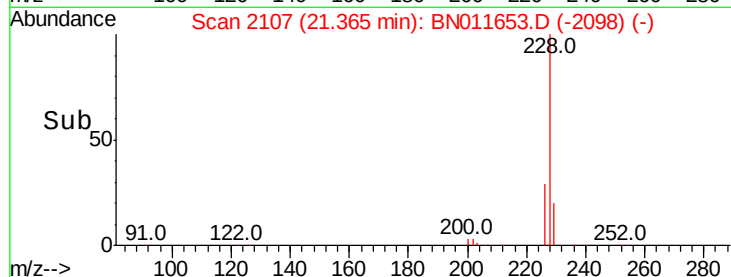
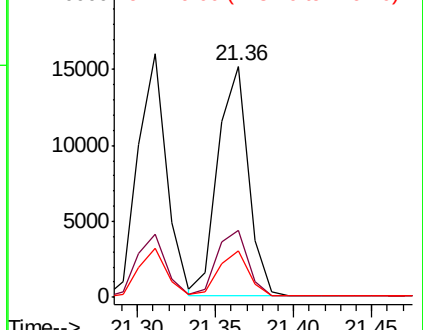
229 20.3 16.0 24.0



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.252 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

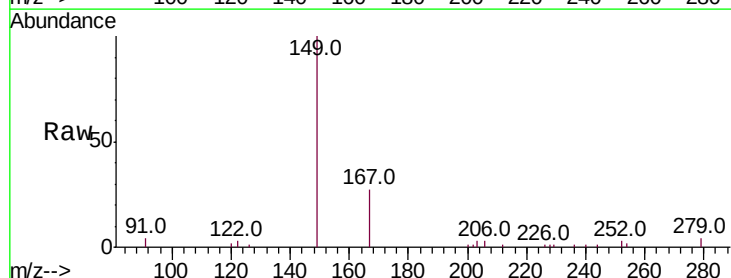
Tgt Ion:149 Resp: 9707

Ion Ratio Lower Upper

149 100

167 28.4 20.6 31.0

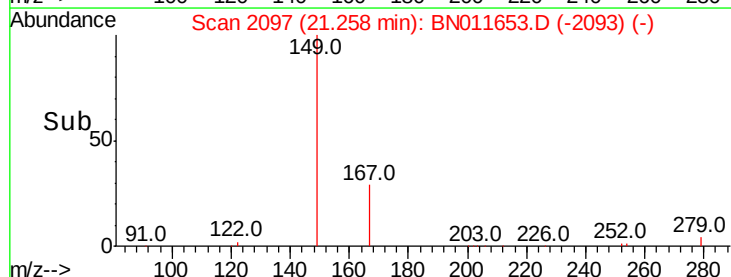
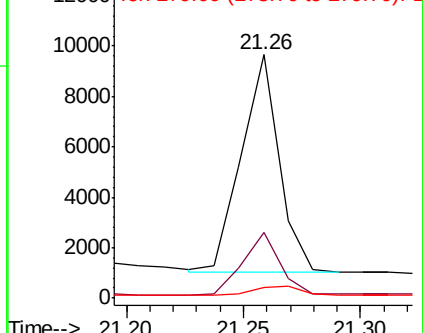
279 4.9 3.8 5.8

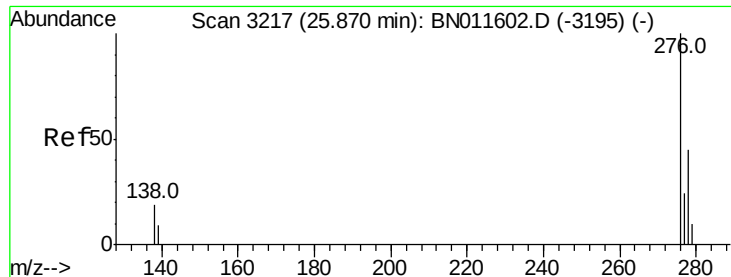


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

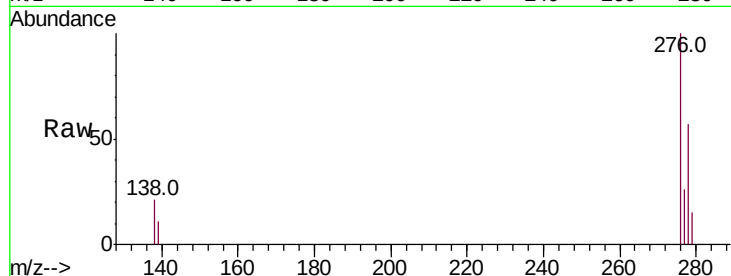




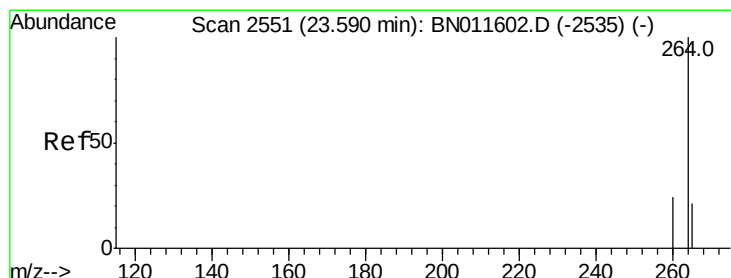
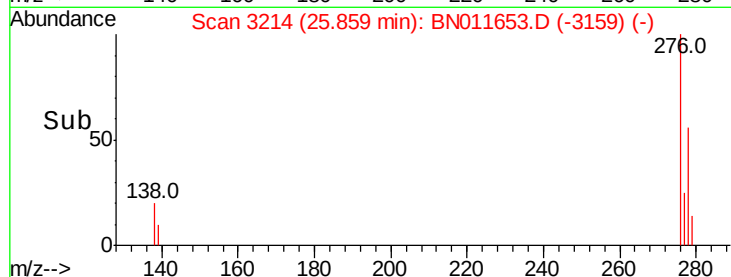
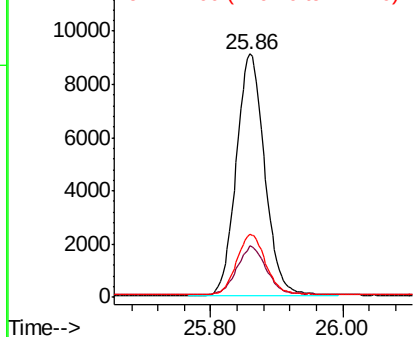
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.460 ng
 RT: 25.86 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BN011653.D
 Acq: 26 Aug 2020 19:57

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 27244
 Ion Ratio Lower Upper
 276 100
 138 20.3 0.0 0.0#
 277 25.3 0.0 0.0#

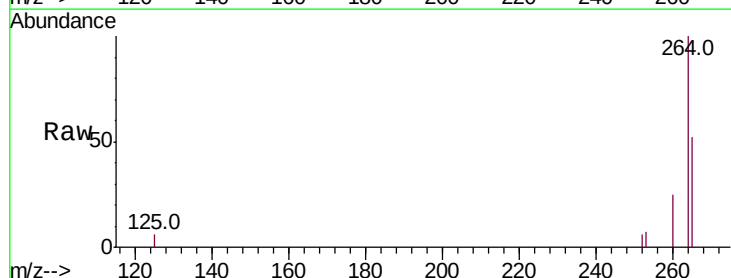


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

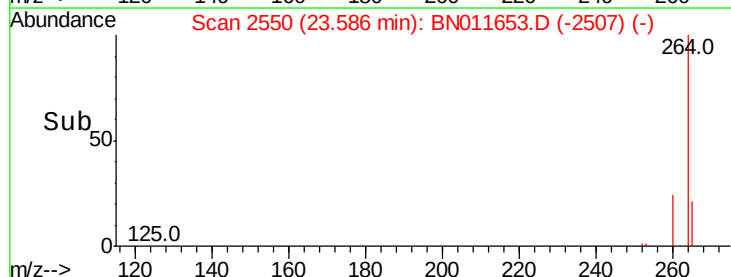
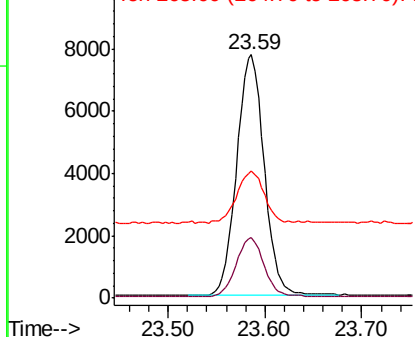


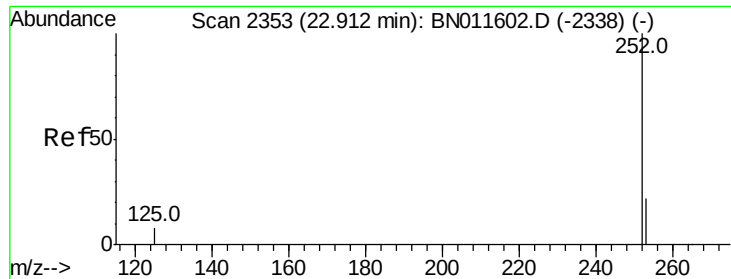
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.59 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BN011653.D
 Acq: 26 Aug 2020 19:57

Tgt Ion:264 Resp: 15286
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 52.0 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

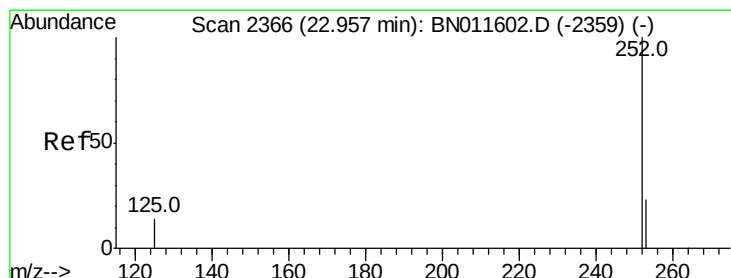
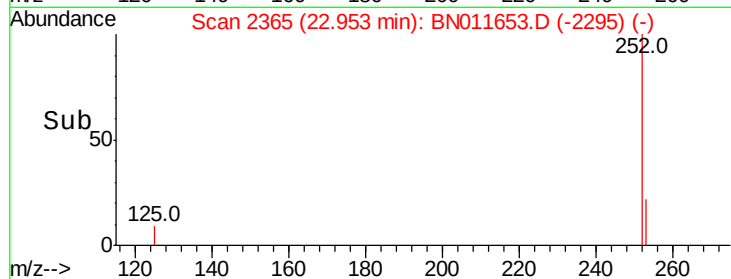
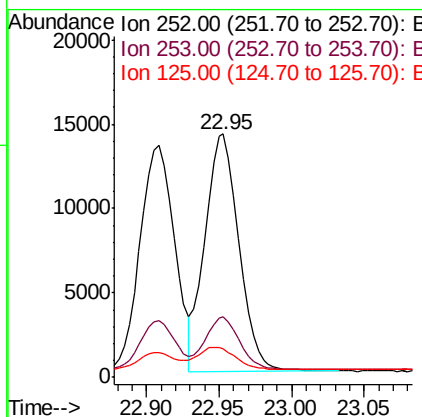
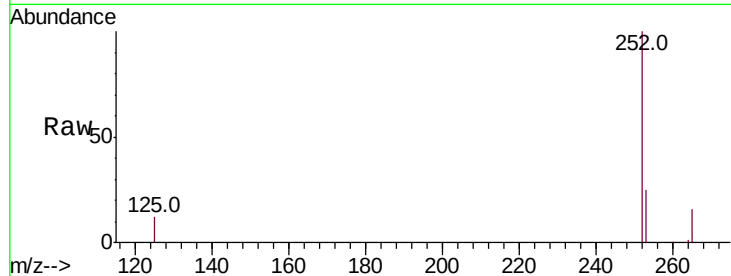




#37
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 22.95 min Scan# 2365
Delta R.T. 0.04 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

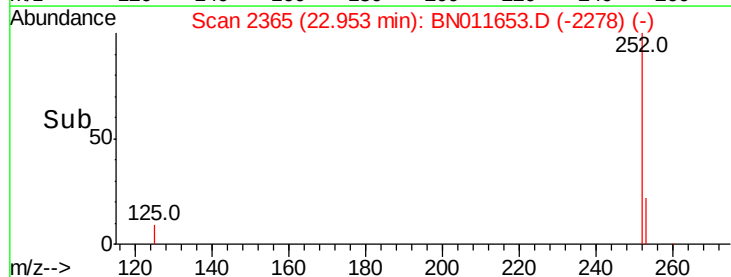
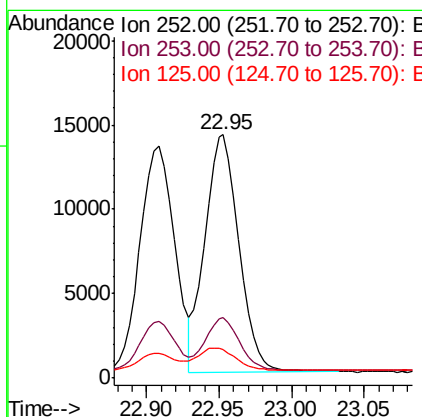
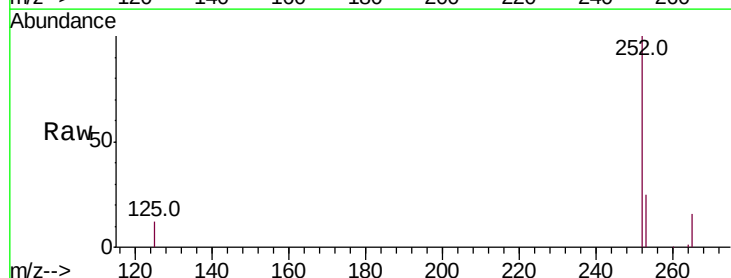
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

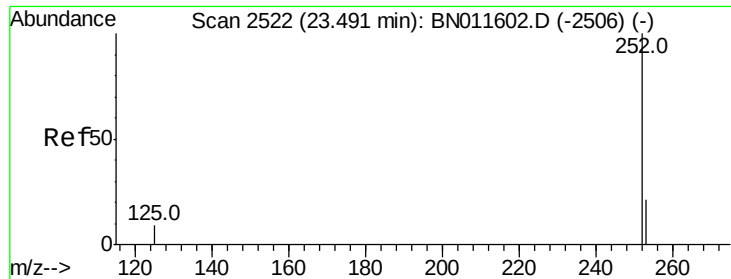
Tot Ion:252 Resp: 22878
Ion Ratio Lower Upper
252 100
253 24.7 21.0 31.6
125 11.9 11.0 16.6



#38
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.95 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BN011653.D
Acq: 26 Aug 2020 19:57

Tgt Ion:252 Resp: 22875
Ion Ratio Lower Upper
252 100
253 24.7 21.2 31.8
125 11.9 14.6 21.8#





#39

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.49 min Scan# 2521

Delta R.T. -0.00 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

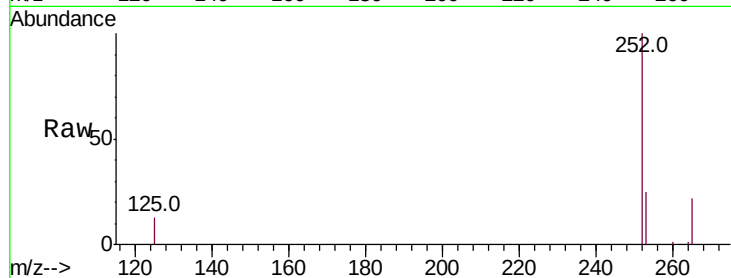
Tot Ion:252 Resp: 20401

Ion Ratio Lower Upper

252 100

253 25.4 21.2 31.8

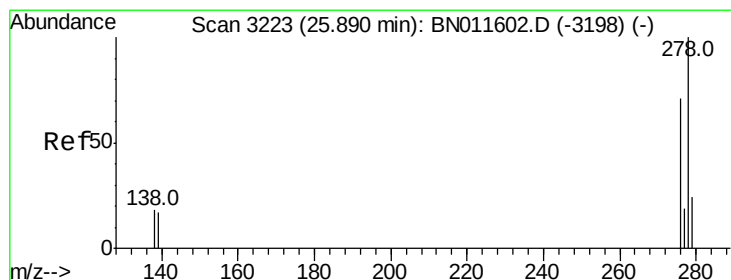
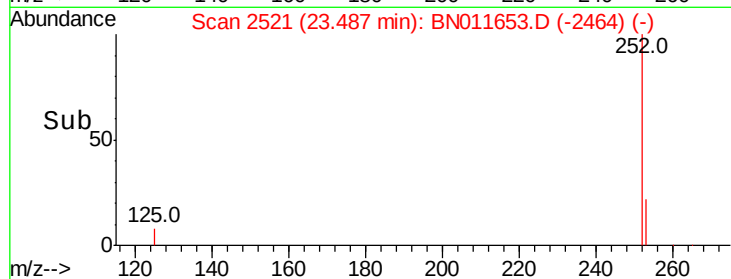
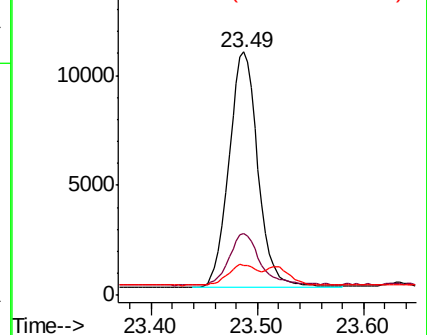
125 12.5 12.1 18.1



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: 0.416 ng

RT: 25.88 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

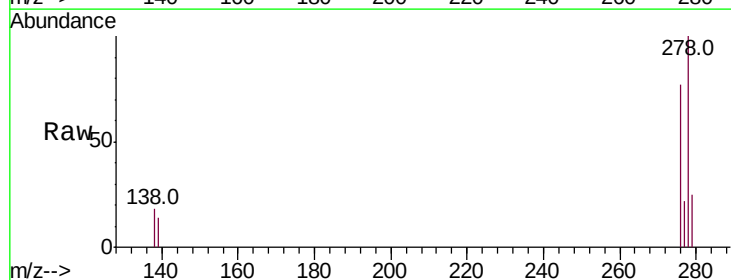
Tgt Ion:278 Resp: 22446

Ion Ratio Lower Upper

278 100

139 14.0 16.6 25.0#

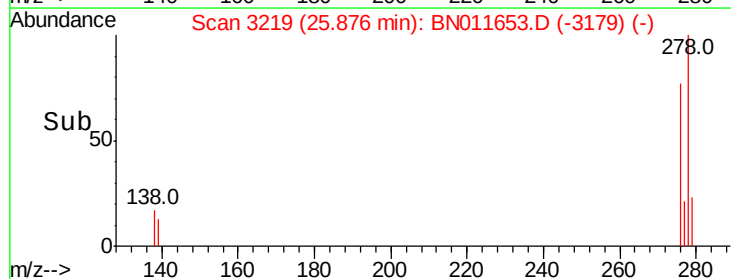
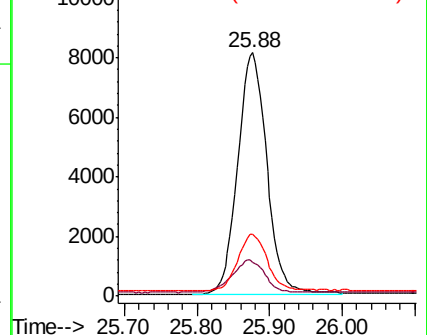
279 25.3 21.4 32.2

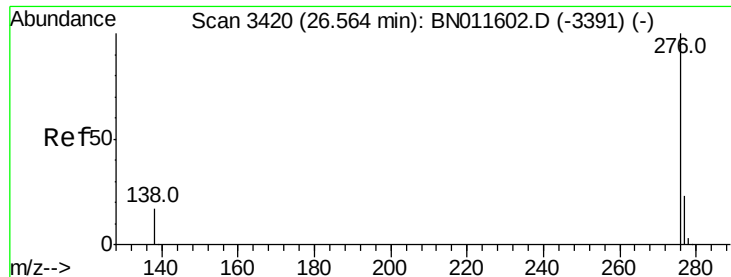


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.417 ng

RT: 26.55 min Scan# 3416

Delta R.T. -0.01 min

Lab File: BN011653.D

Acq: 26 Aug 2020 19:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

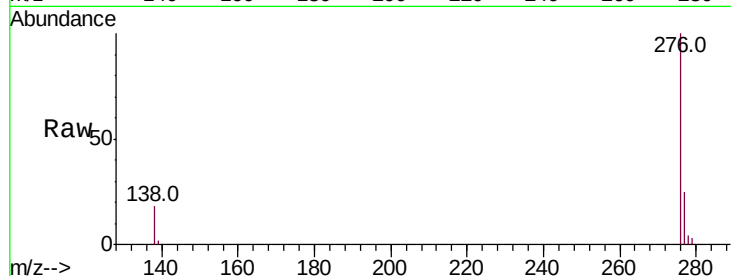
Tot Ion:276 Resp: 21850

Ion Ratio Lower Upper

276 100

277 24.6 20.5 30.7

138 18.1 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

