

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
 Data File : BN011513.D
 Acq On : 19 Aug 2020 12:48
 Operator : CG/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Aug 19 13:27:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 13:20:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	941	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	3470	0.40	ng	0.00
13) Acenaphthene-d10	14.07	164	2096	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	4171	0.40	ng	0.00
29) Chrysene-d12	21.05	240	4581	0.40	ng	0.00
36) Perylene-d12	23.16	264	5363	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	948	0.38	ng	0.00
5) Phenol-d6	6.65	99	920	0.31	ng	0.00
8) Nitrobenzene-d5	8.59	82	1068	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.78	152	2068	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.57	330	311	0.32	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	3291	0.36	ng	0.00
27) Fluoranthene-d10	18.86	212	4642	0.36	ng	0.00
31) Terphenyl-d14	19.48	244	3849	0.28	ng	0.00

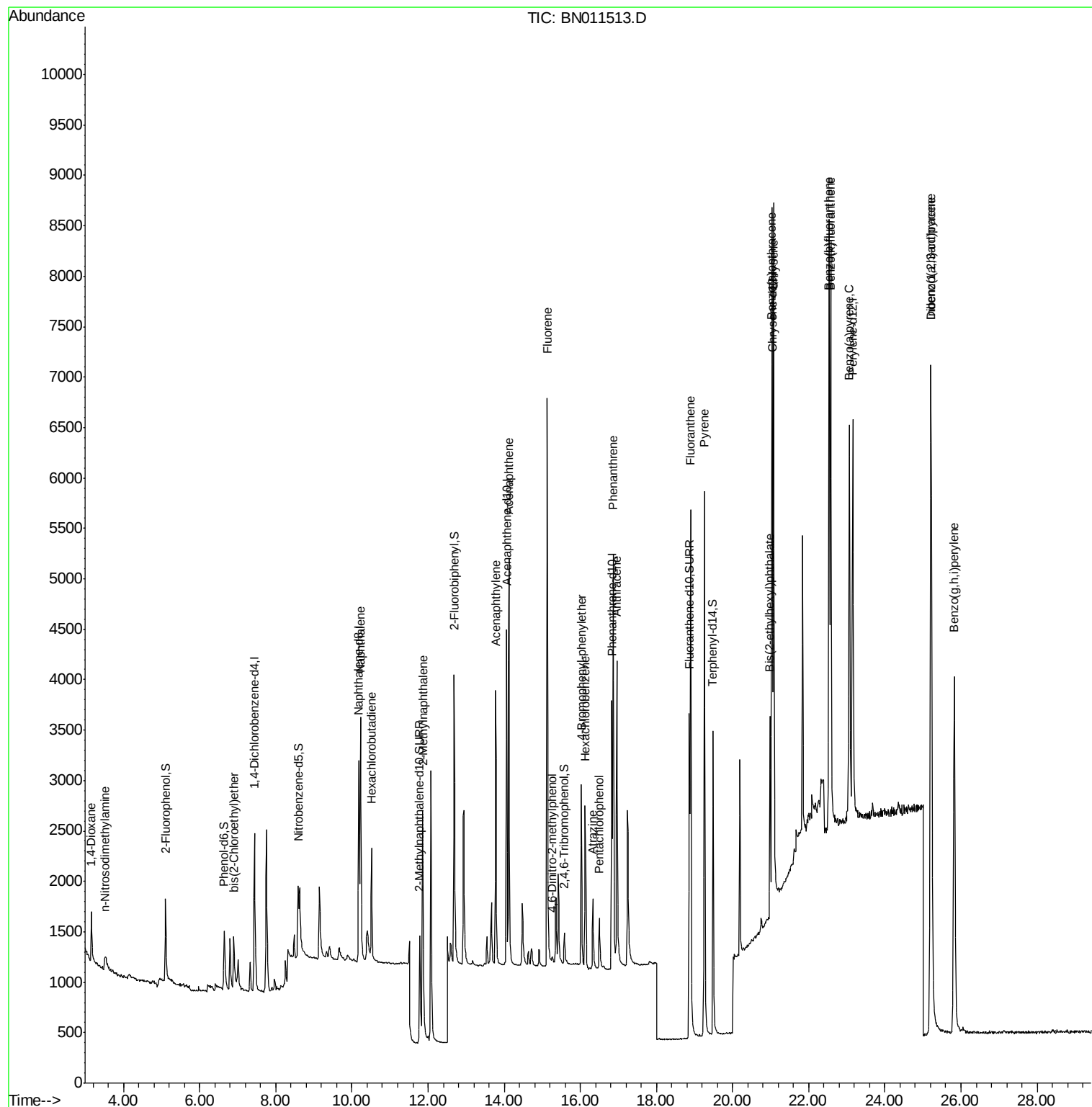
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.16	88	492	0.371	ng	99
3) n-Nitrosodimethylamine	3.51	42	195	0.287	ng	# 98
6) bis(2-Chloroethyl)ether	6.89	93	653	0.261	ng	100
9) Naphthalene	10.22	128	3506	0.341	ng	100
10) Hexachlorobutadiene	10.52	225	923	0.370	ng	# 100
12) 2-Methylnaphthalene	11.86	142	2339	0.320	ng	100
16) Acenaphthylene	13.77	152	3487	0.323	ng	100
17) Acenaphthene	14.13	154	2276	0.323	ng	100
18) Fluorene	15.13	166	2944	0.326	ng	100
20) 4,6-Dinitro-2-methylphenol	15.26	198	129	0.224	ng	100
21) 4-Bromophenyl-phenylether	16.03	248	1400	0.506	ng	100
22) Hexachlorobenzene	16.13	284	1249	0.398	ng	100
23) Atrazine	16.32	200	785	0.365	ng	100
24) Pentachlorophenol	16.49	266	325	0.334	ng	100
25) Phenanthrene	16.86	178	4761	0.351	ng	100
26) Anthracene	16.96	178	3969	0.352	ng	100
28) Fluoranthene	18.89	202	5692	0.369	ng	100
30) Pyrene	19.26	202	5700	0.276	ng	100
32) Benzo(a)anthracene	21.02	228	5148	0.335	ng	100
33) Chrysene	21.08	228	5944	0.345	ng	100
34) Bis(2-ethylhexyl)phthalate	20.98	149	1830	0.222	ng	100
35) Indeno(1,2,3-cd)pyrene	25.21	276	8719	0.518	ng	100
37) Benzo(b)fluoranthene	22.54	252	7567	0.354	ng	100
38) Benzo(k)fluoranthene	22.58	252	7873	0.334	ng	100
39) Benzo(a)pyrene	23.06	252	6483	0.349	ng	100
40) Dibenzo(a,h)anthracene	25.22	278	7119	0.371	ng	100
41) Benzo(g,h,i)perylene	25.82	276	7569	0.356	ng	100

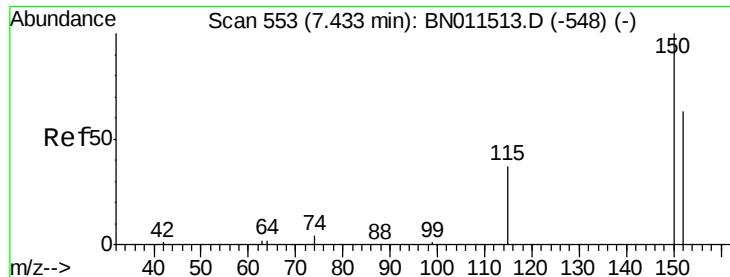
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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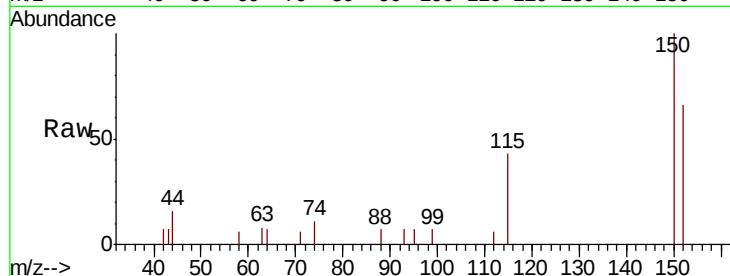


#1

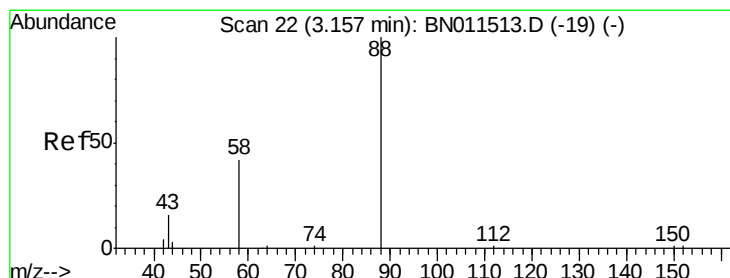
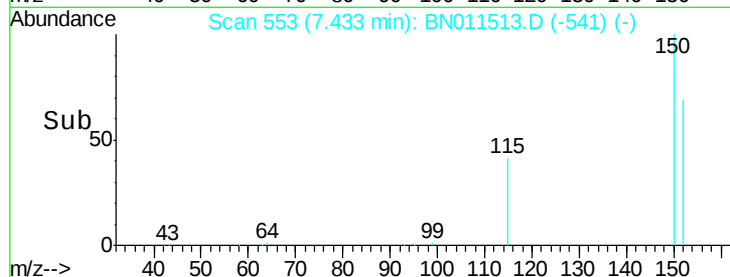
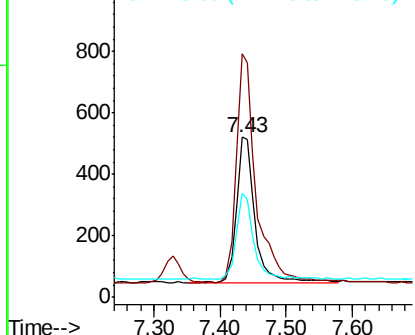
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 553
Delta R.T. 0.00 min
Lab File: BN011513.D
Acq: 19 Aug 2020 12:48

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 941
Ion Ratio Lower Upper
152 100
150 152.0 121.6 182.4
115 64.9 51.9 77.9



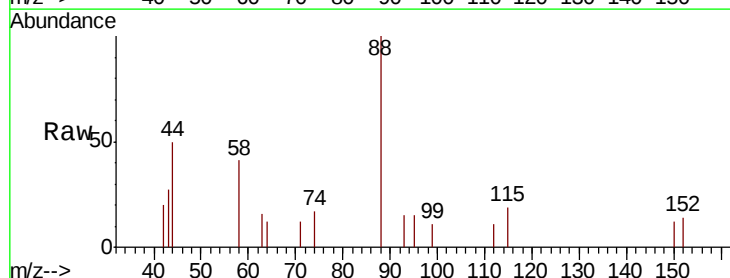
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



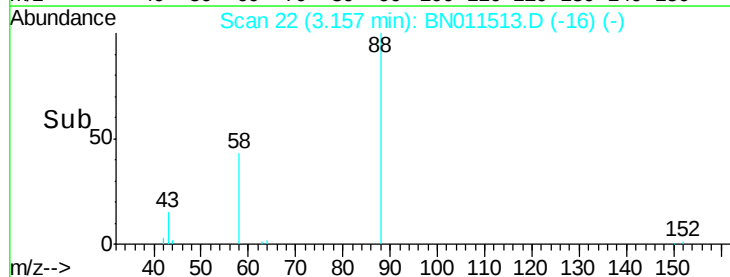
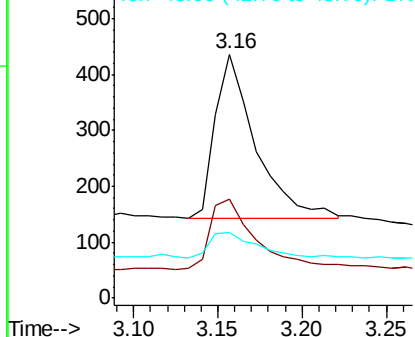
#2

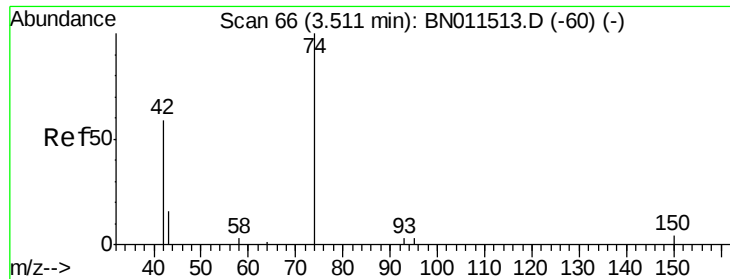
1,4-Dioxane
Concen: 0.371 ng
RT: 3.16 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN011513.D
Acq: 19 Aug 2020 12:48

Tgt Ion: 88 Resp: 492
Ion Ratio Lower Upper
88 100
58 47.0 38.6 57.8
43 19.7 15.8 23.6



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



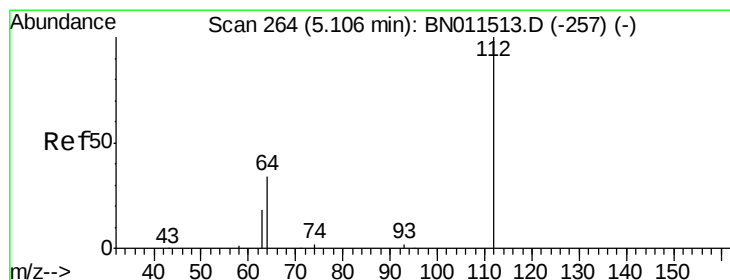
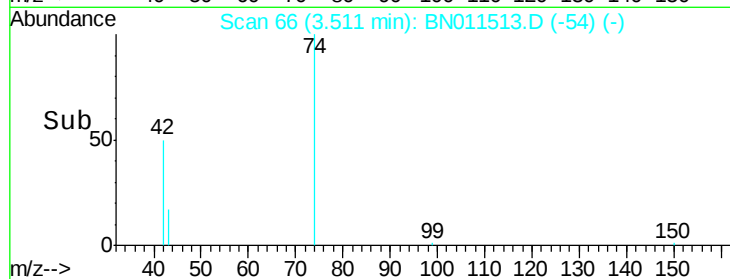
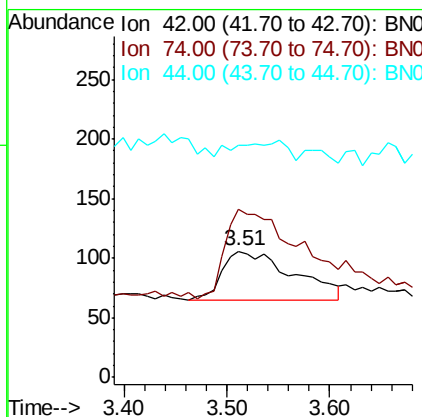
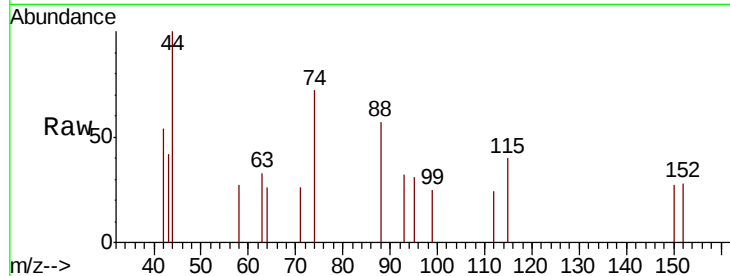


#3

n-Nitrosodimethylamine
 Concen: 0.287 ng
 RT: 3.51 min Scan# 66
 Delta R.T. 0.00 min
 Lab File: BN011513.D
 Acq: 19 Aug 2020 12:48

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

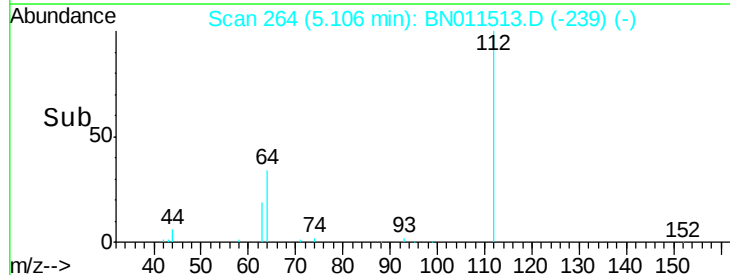
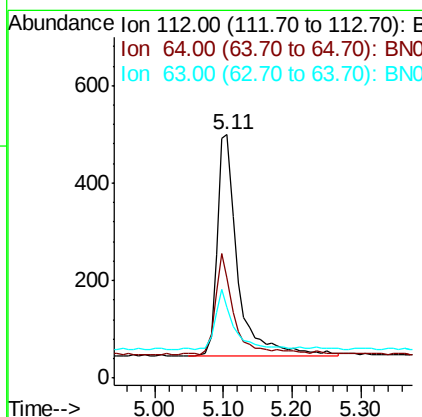
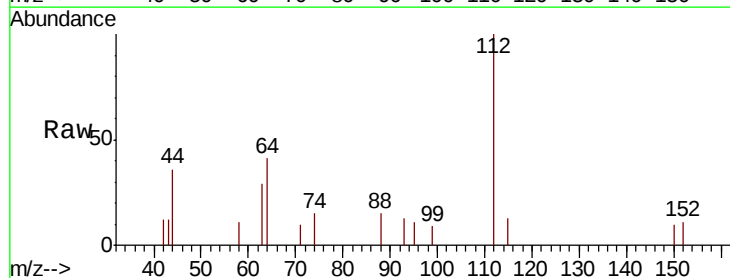
Tot Ion	42	Resp	195
Ion	Ratio	Lower	Upper
42	100		
74	190.3	150.4	225.6
44	0.0	0.0	0.0

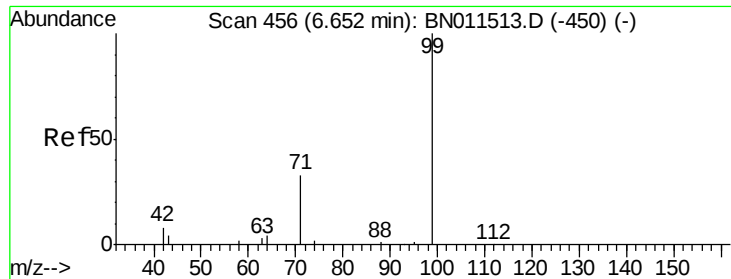


#4

2-Fluorophenol
 Concen: 0.384 ng
 RT: 5.11 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: BN011513.D
 Acq: 19 Aug 2020 12:48

Tgt Ion	112	Resp	948
Ion	Ratio	Lower	Upper
112	100		
64	42.2	33.8	50.6
63	24.4	19.5	29.3





#5

Phenol-d6

Concen: 0.306 ng

RT: 6.65 min Scan# 456

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

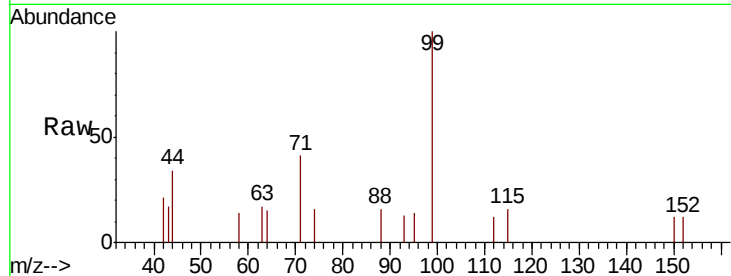
Tot Ion: 99 Resp: 920

Ion Ratio Lower Upper

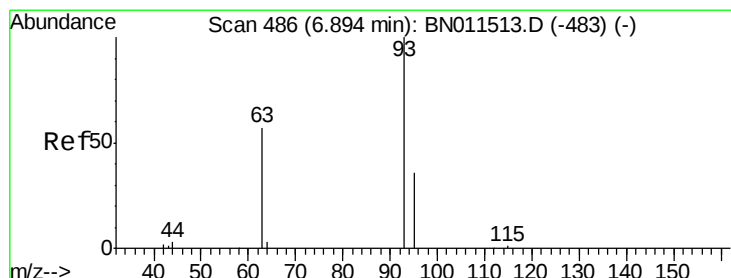
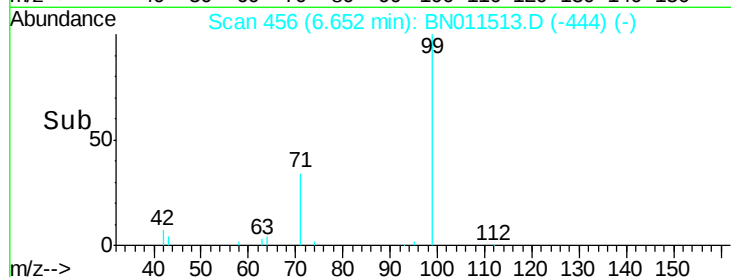
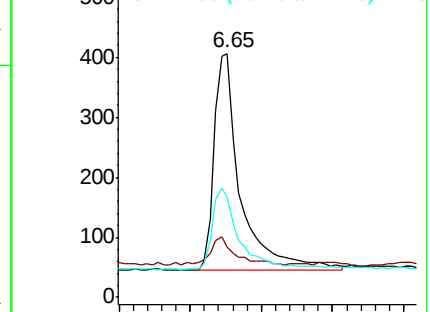
99 100

42 12.4 10.0 15.0

71 38.4 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.261 ng

RT: 6.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

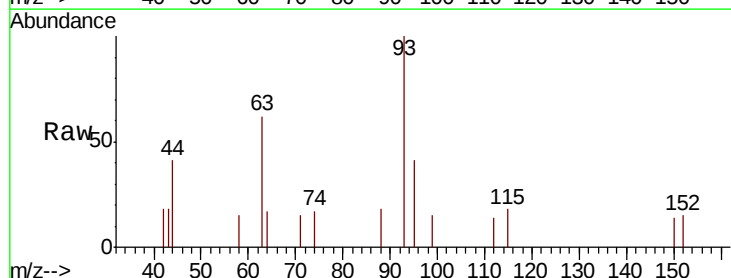
Tgt Ion: 93 Resp: 653

Ion Ratio Lower Upper

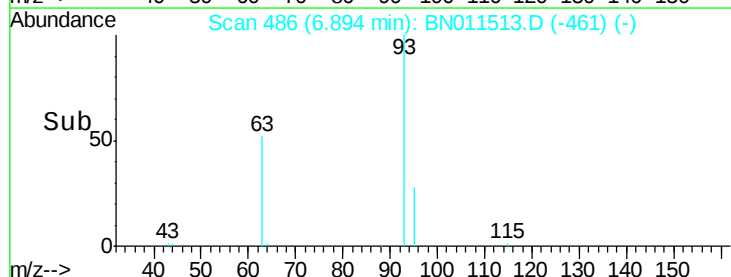
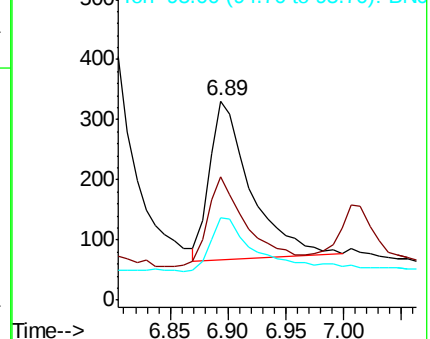
93 100

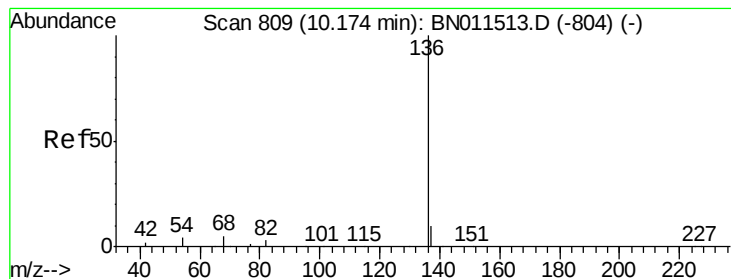
63 56.8 45.4 68.2

95 39.8 31.8 47.8



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 809

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 3470

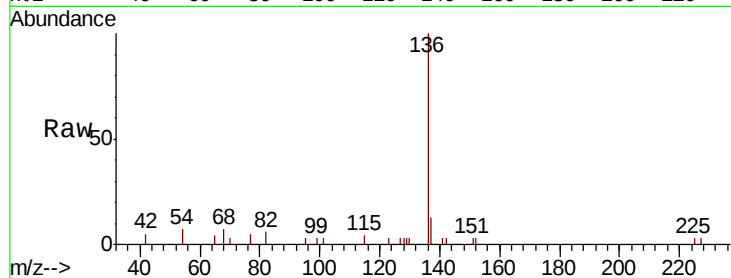
Ion Ratio Lower Upper

136 100

137 12.9 10.3 15.5

54 7.1 5.7 8.5

68 7.5 6.0 9.0

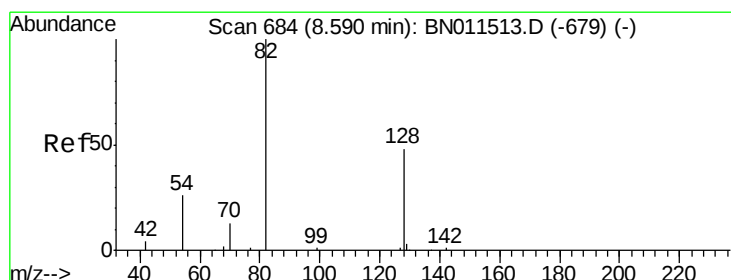
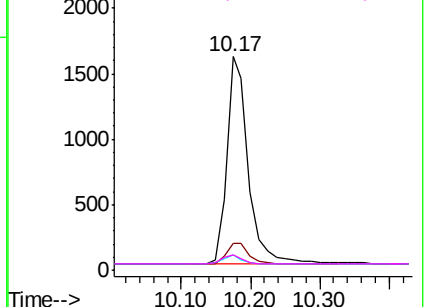
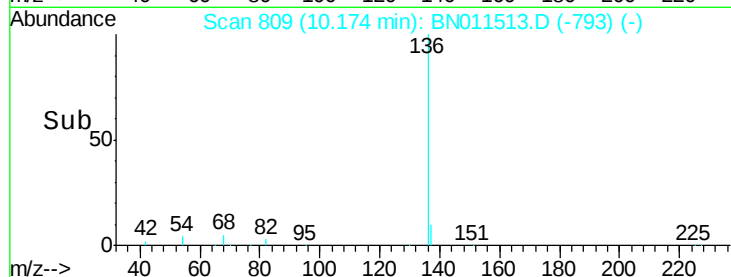


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.345 ng

RT: 8.59 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

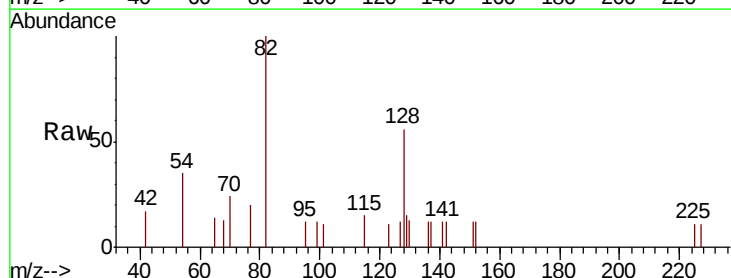
Tgt Ion: 82 Resp: 1068

Ion Ratio Lower Upper

82 100

128 55.7 44.6 66.8

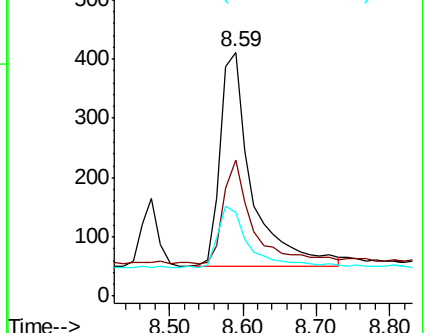
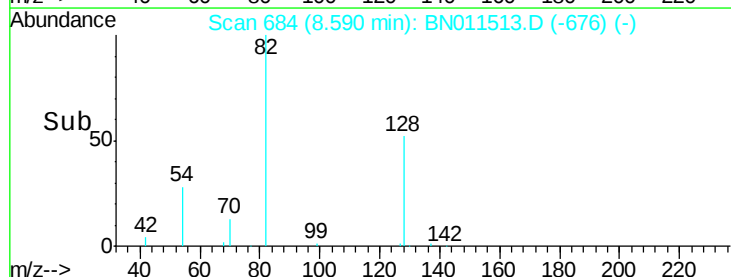
54 34.5 27.6 41.4

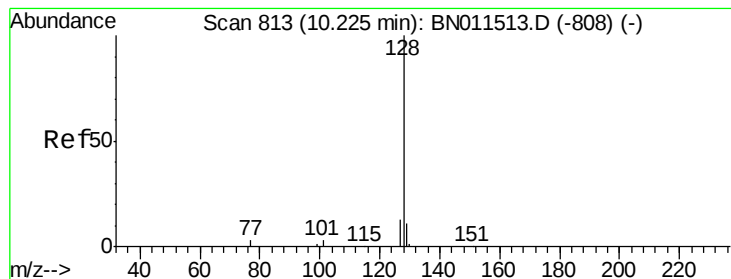


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.341 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

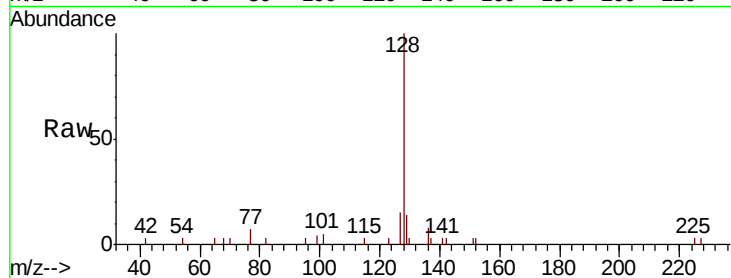
Tot Ion:128 Resp: 3506

Ion Ratio Lower Upper

128 100

129 13.9 11.1 16.7

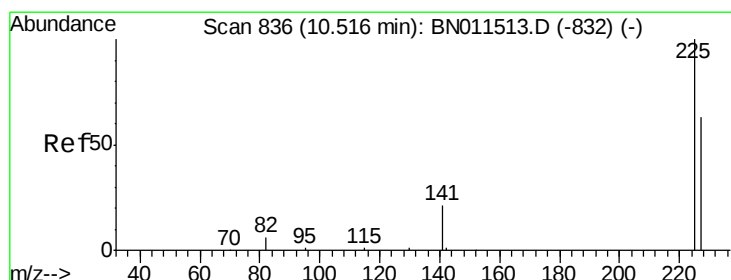
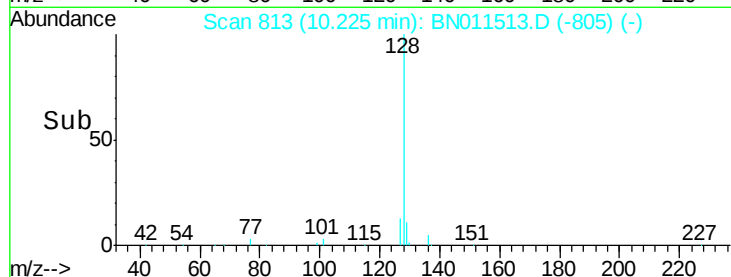
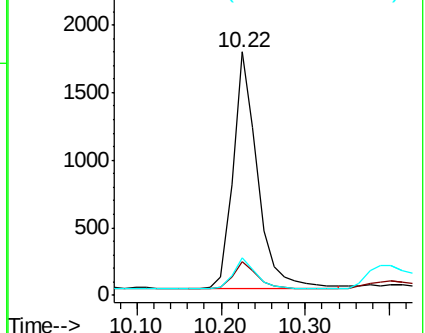
127 15.3 12.2 18.4



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: 0.370 ng

RT: 10.52 min Scan# 836

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

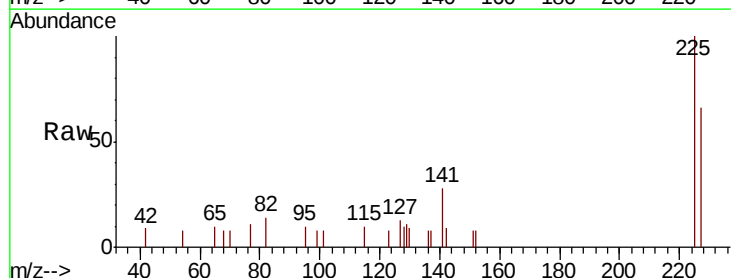
Tgt Ion:225 Resp: 923

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

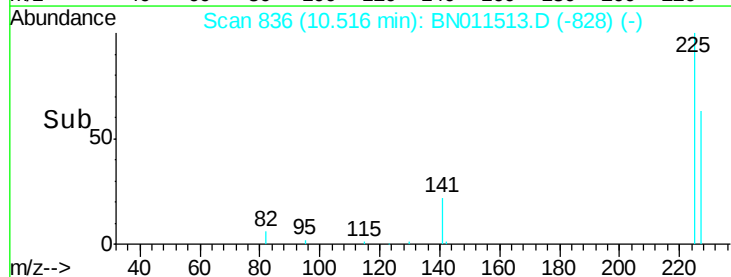
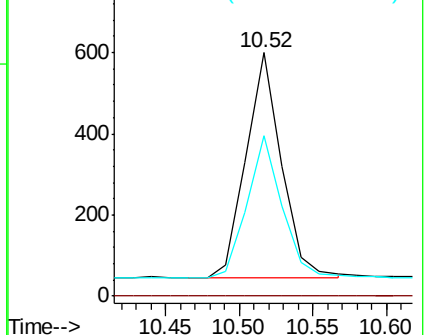
227 62.6 50.1 75.1

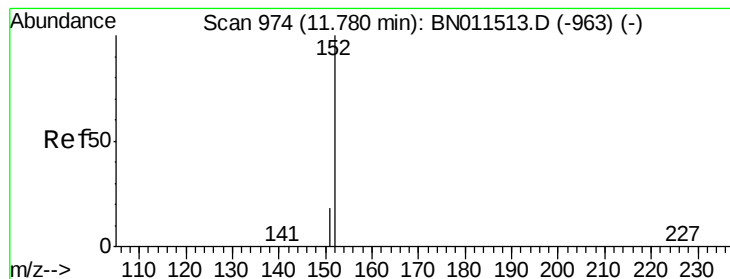


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.326 ng

RT: 11.78 min Scan# 974

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

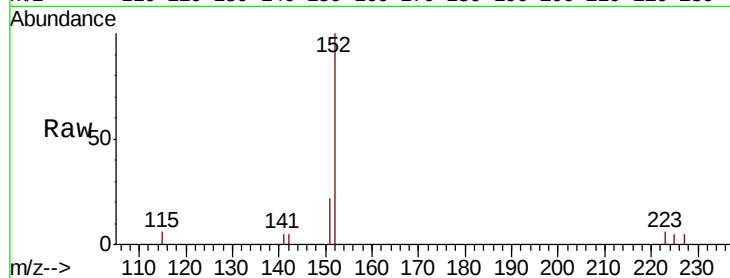
SSTDICCC0.4

Tot Ion:152 Resp: 2068

Ion Ratio Lower Upper

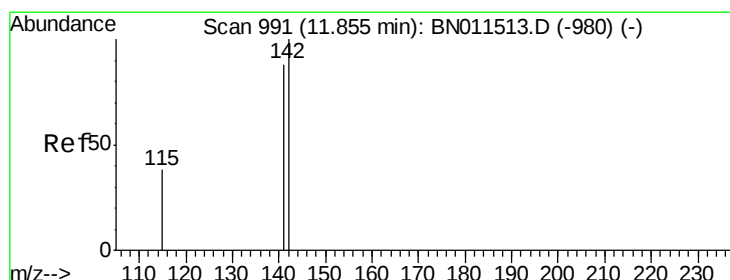
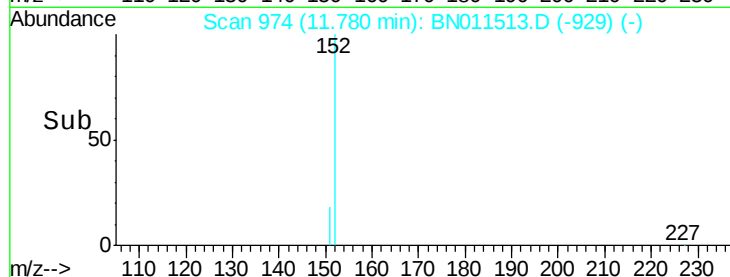
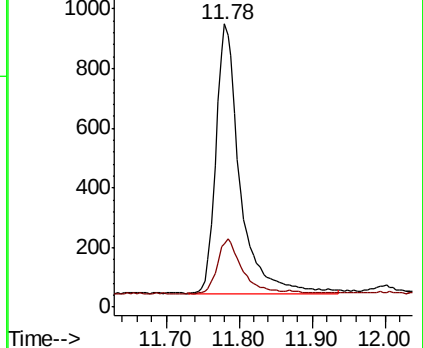
152 100

151 20.3 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.320 ng

RT: 11.86 min Scan# 991

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

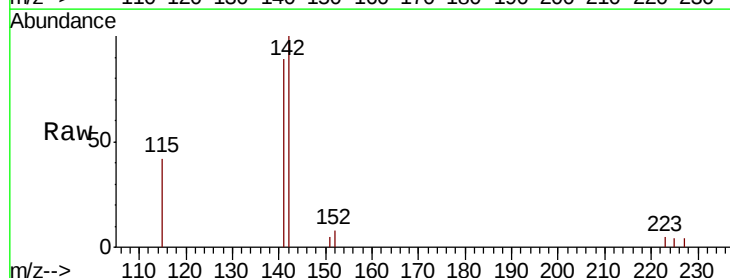
Tgt Ion:142 Resp: 2339

Ion Ratio Lower Upper

142 100

141 88.6 70.9 106.3

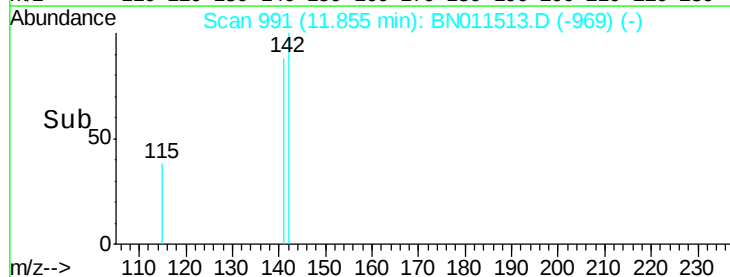
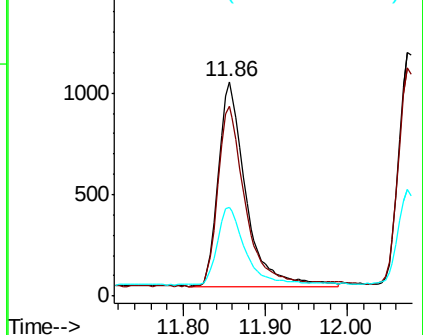
115 41.5 33.2 49.8

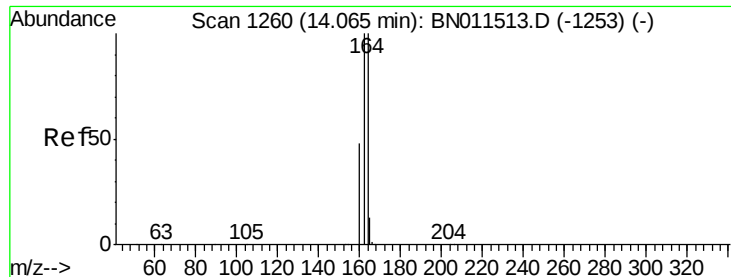


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.07 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

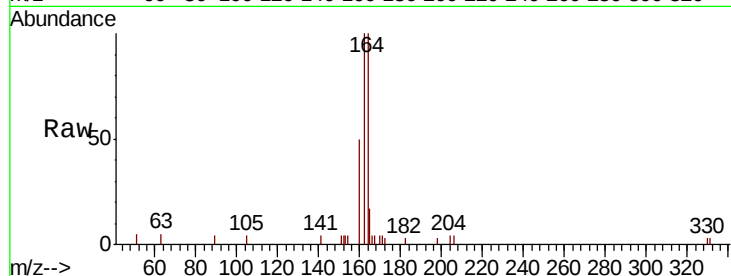
Tot Ion:164 Resp: 2096

Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.8

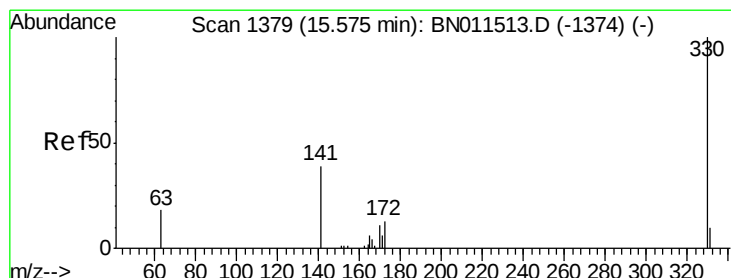
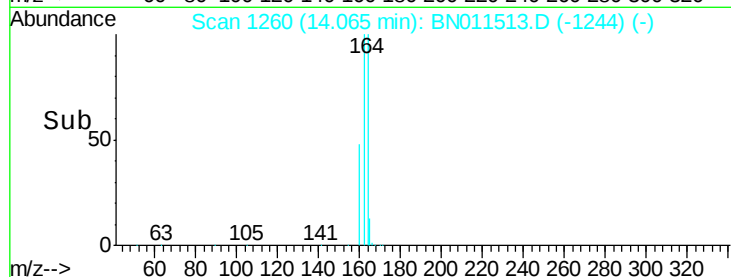
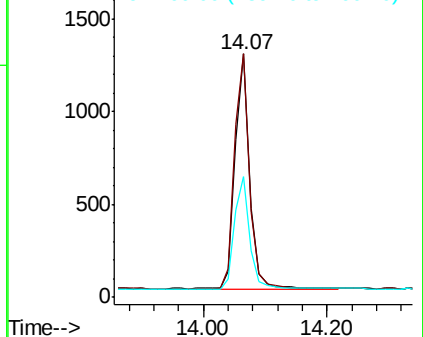
160 49.5 39.6 59.4



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: 0.322 ng

RT: 15.57 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

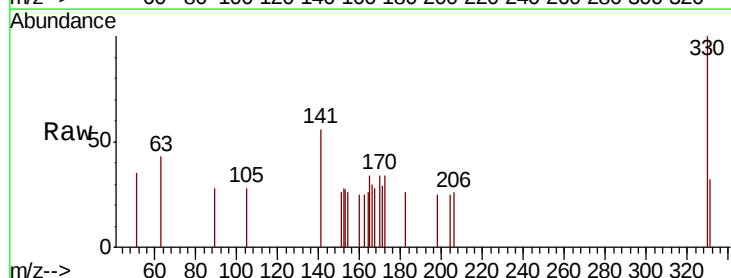
Tgt Ion:330 Resp: 311

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

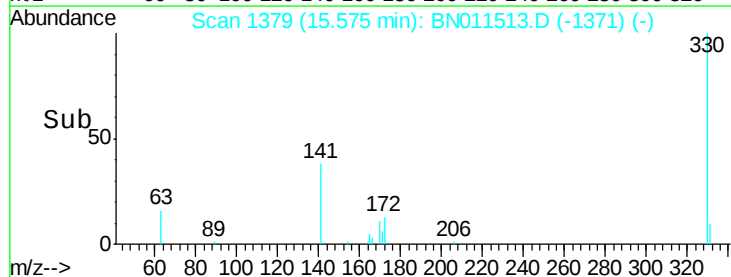
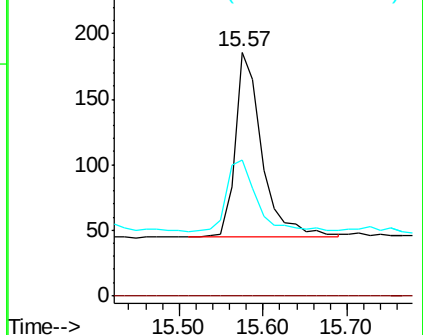
141 44.7 35.8 53.6

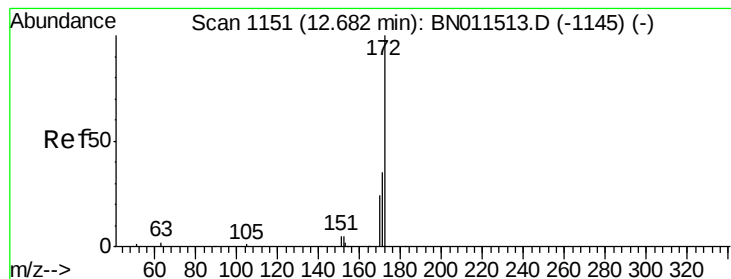


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.364 ng

RT: 12.68 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

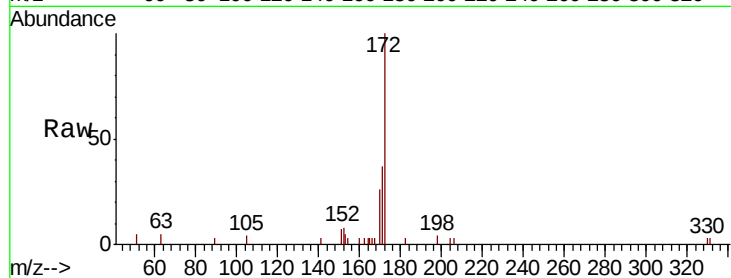
Tot Ion:172 Resp: 3291

Ion Ratio Lower Upper

172 100

171 36.9 29.5 44.3

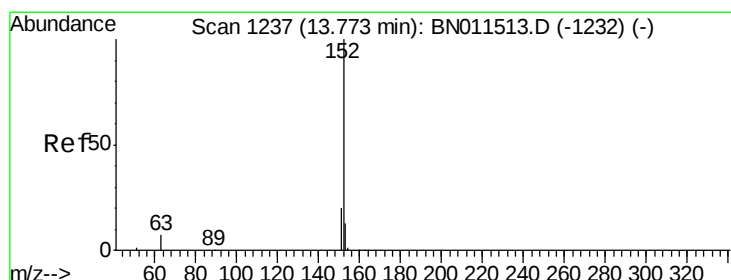
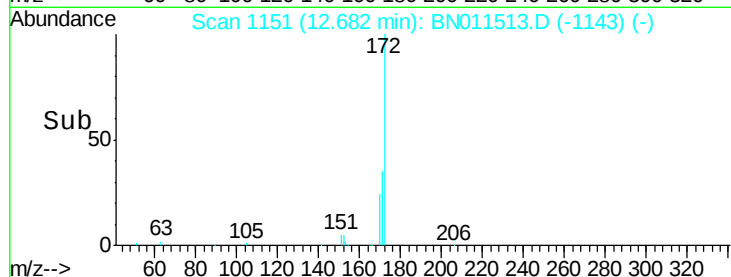
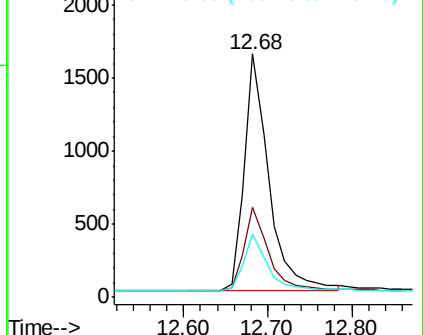
170 26.1 20.9 31.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.323 ng

RT: 13.77 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

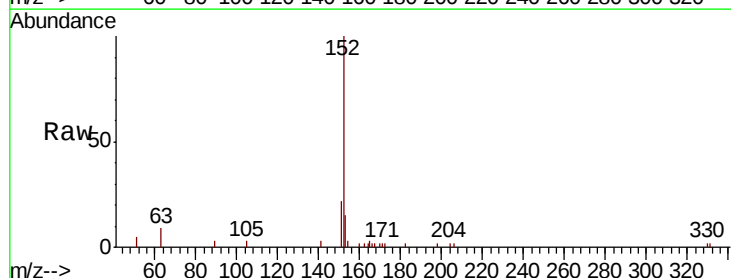
Tgt Ion:152 Resp: 3487

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

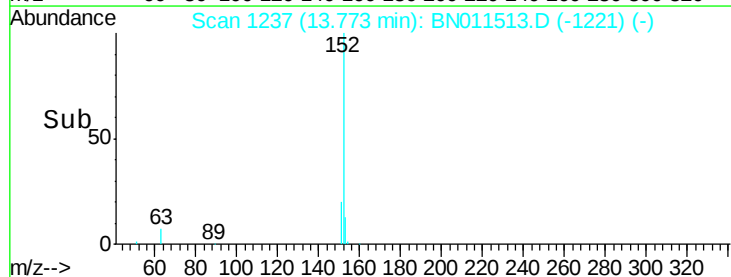
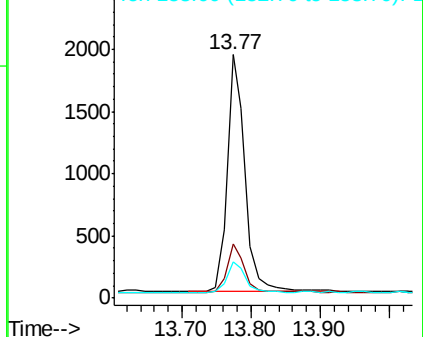
153 12.6 10.1 15.1

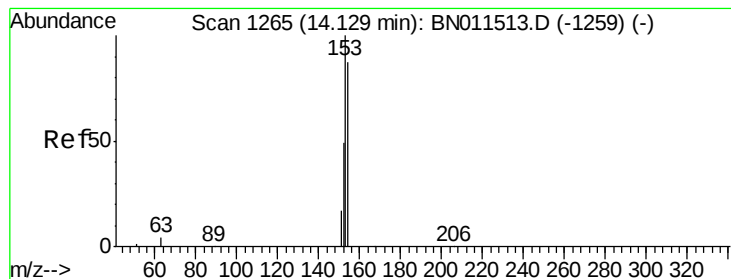


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.323 ng

RT: 14.13 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

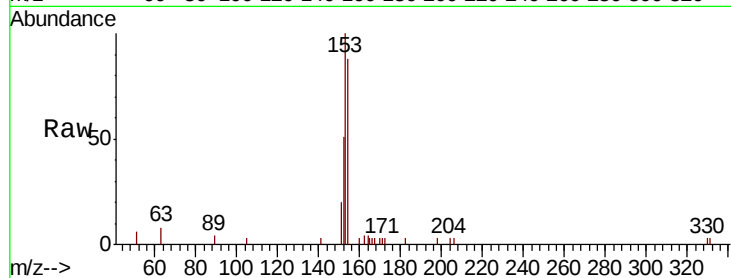
Tot Ion:154 Resp: 2276

Ion Ratio Lower Upper

154 100

153 115.1 92.1 138.1

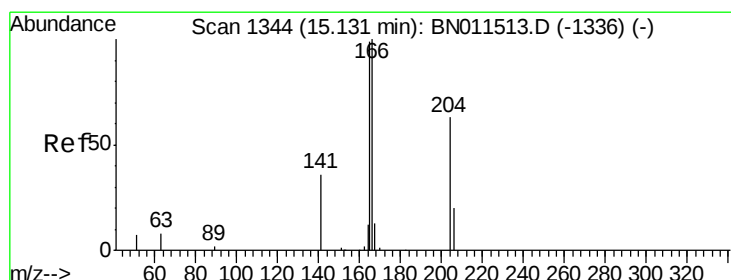
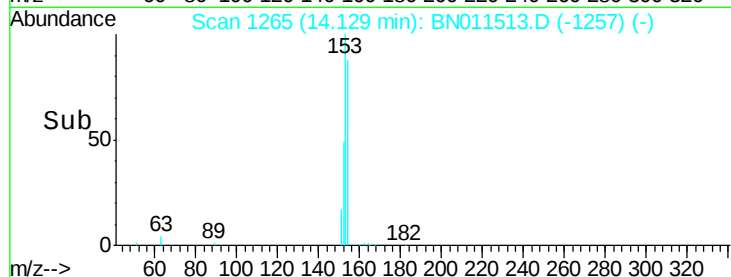
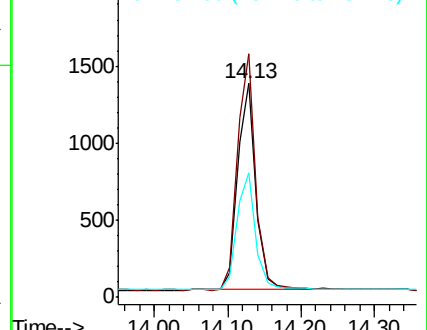
152 58.0 46.4 69.6



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: 0.326 ng

RT: 15.13 min Scan# 1344

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

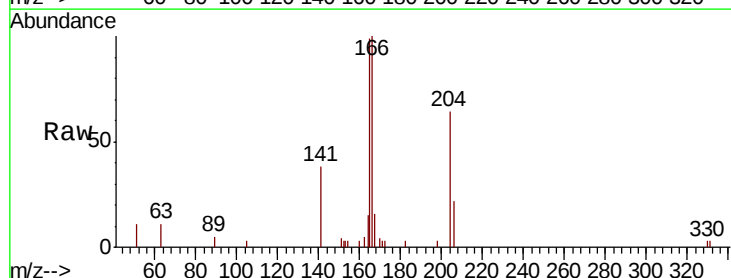
Tgt Ion:166 Resp: 2944

Ion Ratio Lower Upper

166 100

165 100.5 80.4 120.6

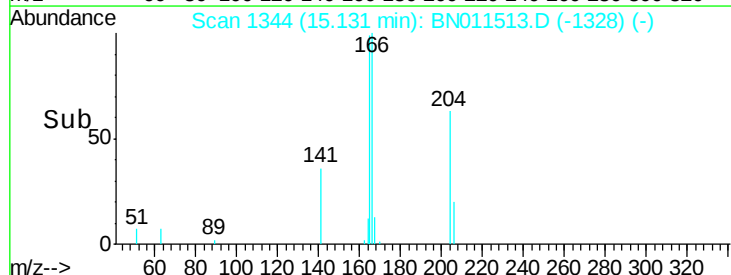
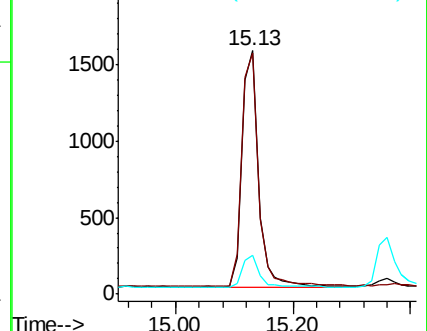
167 13.4 10.7 16.1

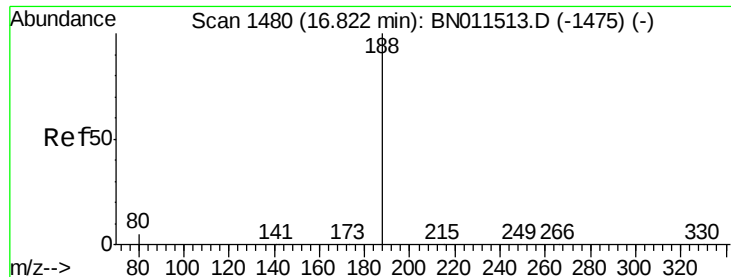


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

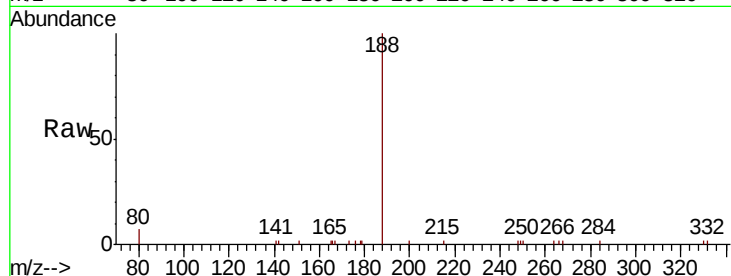
Tot Ion:188 Resp: 4171

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

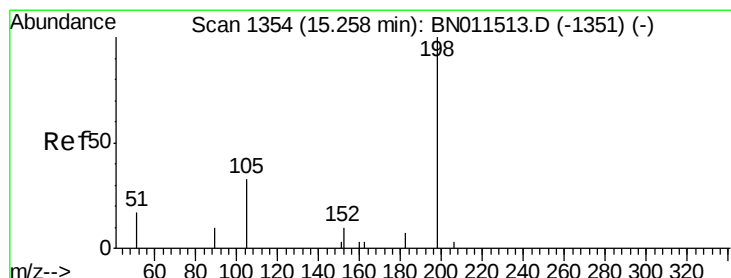
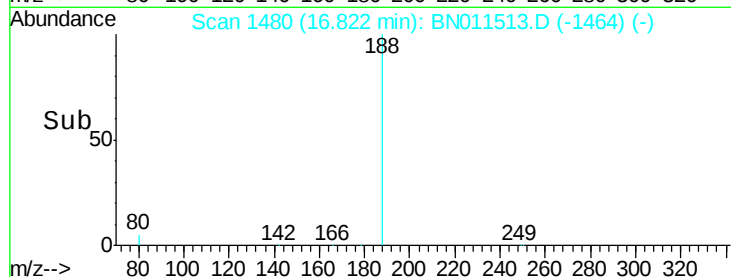
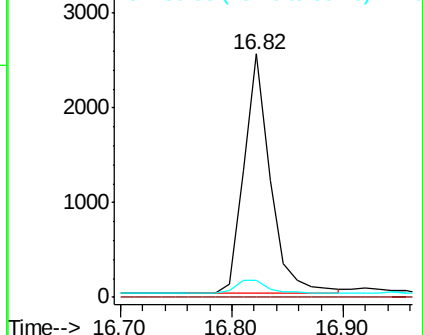
80 6.8 5.4 8.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.224 ng

RT: 15.26 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

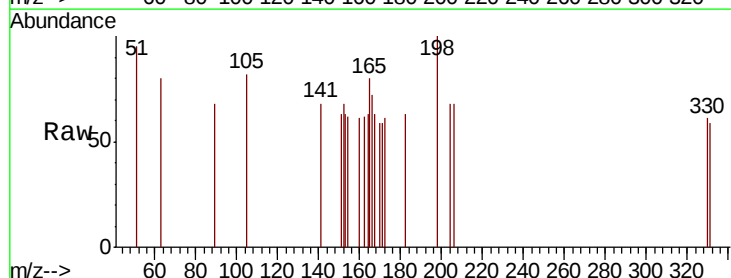
Tgt Ion:198 Resp: 129

Ion Ratio Lower Upper

198 100

51 94.7 75.8 113.6

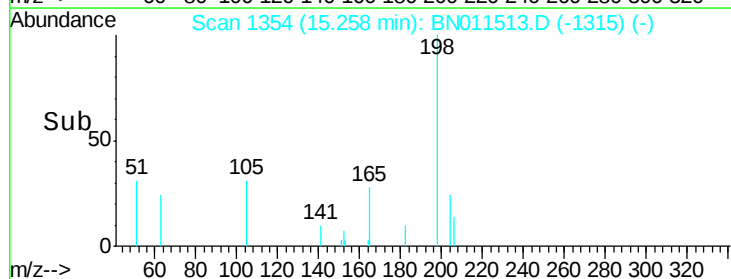
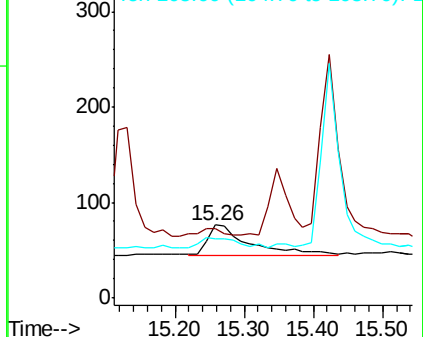
105 81.6 65.3 97.9

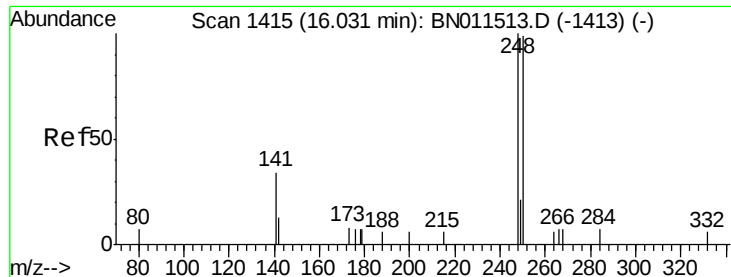


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.506 ng

RT: 16.03 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

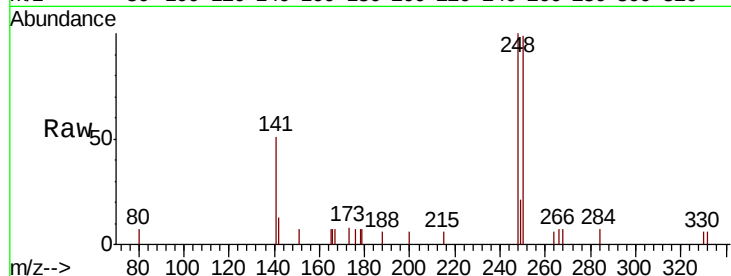
Tot Ion:248 Resp: 1400

Ion Ratio Lower Upper

248 100

250 99.2 79.4 119.0

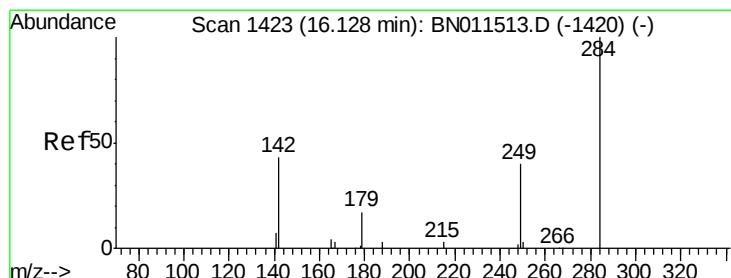
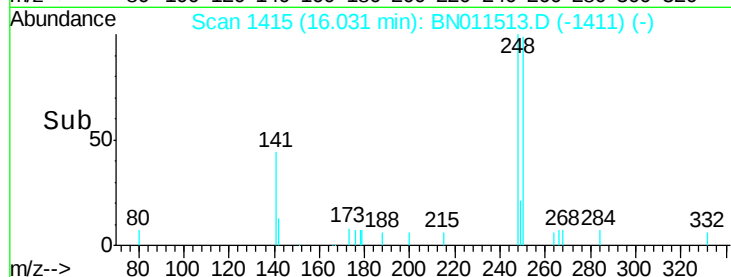
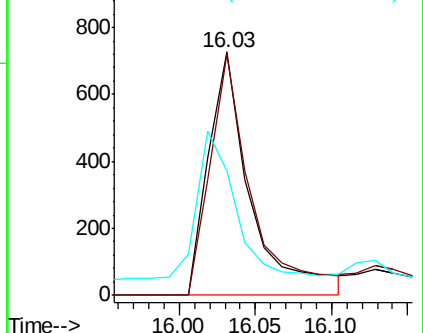
141 51.0 40.8 61.2



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: 0.398 ng

RT: 16.13 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

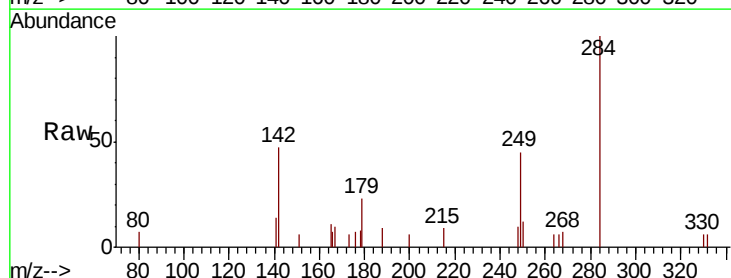
Tgt Ion:284 Resp: 1249

Ion Ratio Lower Upper

284 100

142 39.6 31.7 47.5

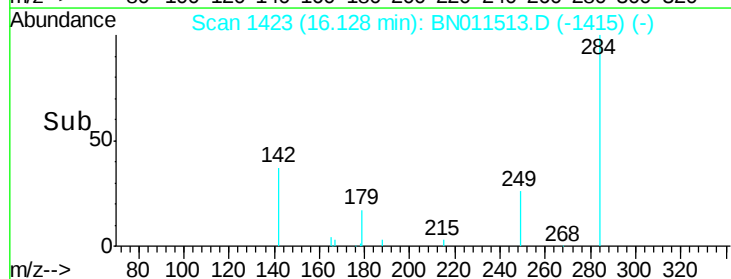
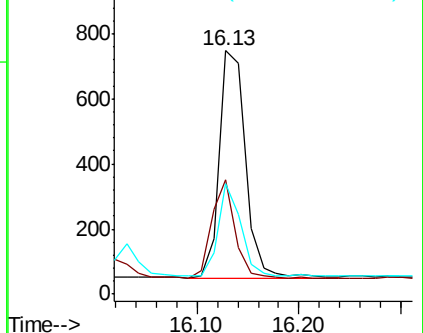
249 34.3 27.4 41.2

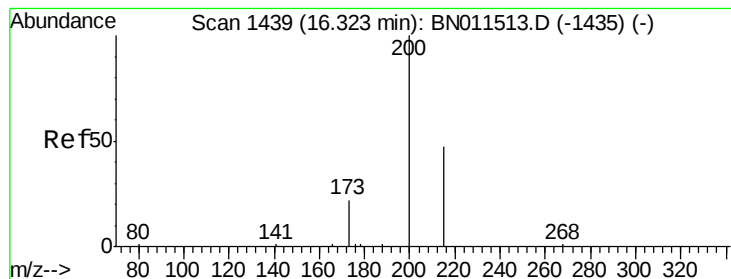


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 0.365 ng

RT: 16.32 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

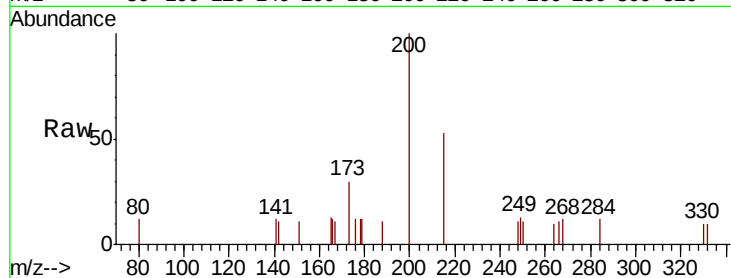
Tot Ion:200 Resp: 785

Ion Ratio Lower Upper

200 100

173 30.0 24.0 36.0

215 52.8 42.2 63.4



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

16.32

400

300

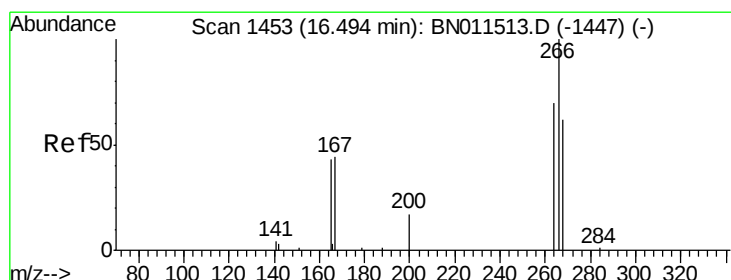
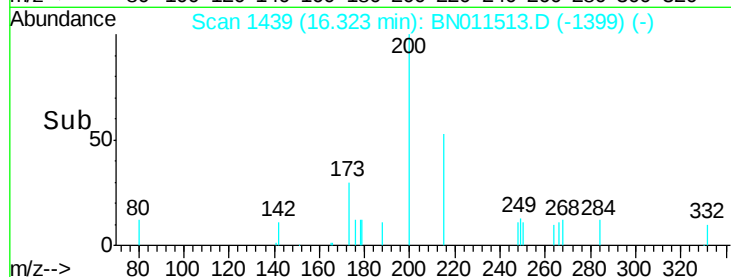
200

100

0

16.20 16.30 16.40 16.50

Time-->



#24

Pentachlorophenol

Concen: 0.334 ng

RT: 16.49 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

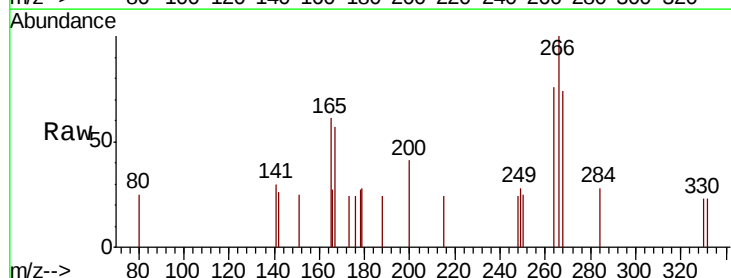
Tgt Ion:266 Resp: 325

Ion Ratio Lower Upper

266 100

264 67.1 53.7 80.5

268 66.2 53.0 79.4



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

16.49

250

200

150

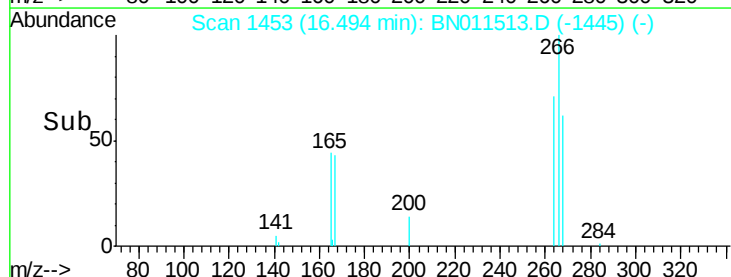
100

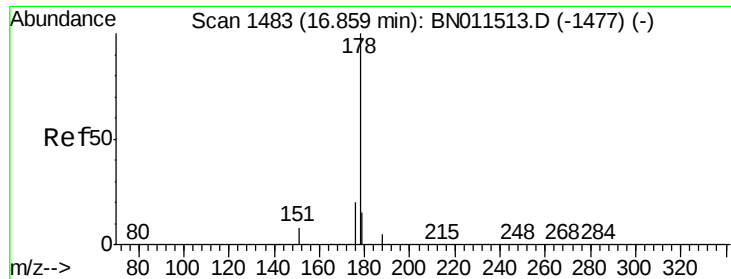
50

0

16.40 16.50 16.60

Time-->





#25

Phenanthrene

Concen: 0.351 ng

RT: 16.86 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

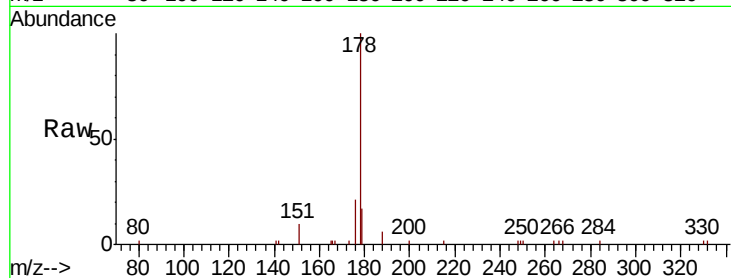
Tot Ion:178 Resp: 4761

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

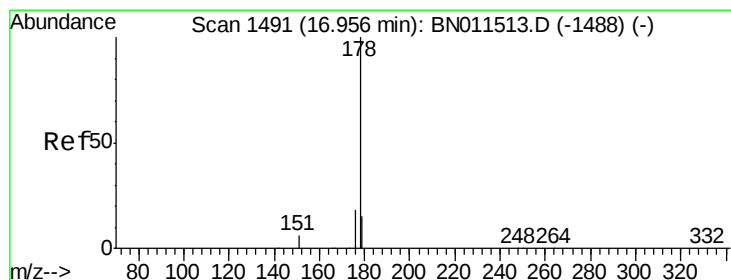
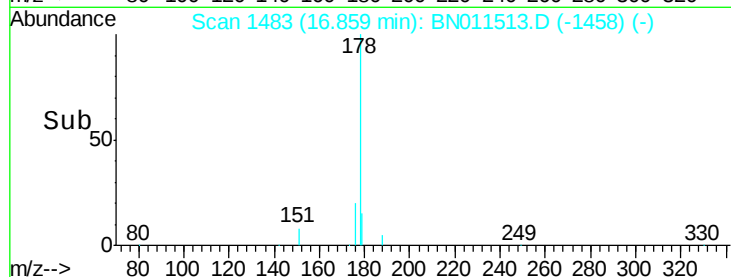
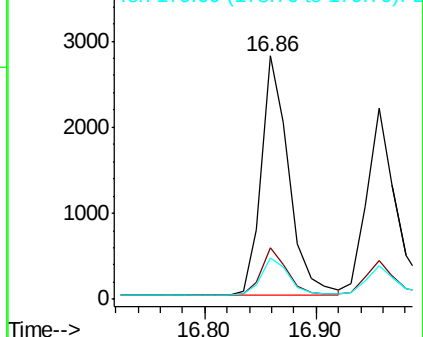
179 15.4 12.3 18.5



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: 0.352 ng

RT: 16.96 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

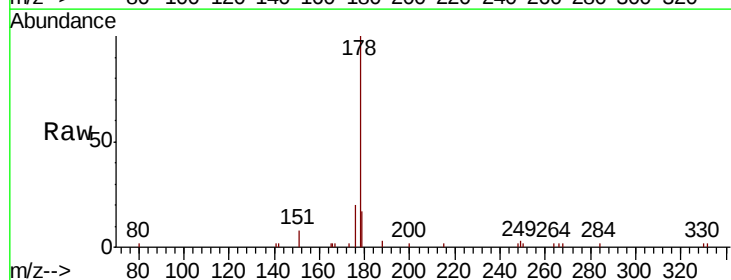
Tgt Ion:178 Resp: 3969

Ion Ratio Lower Upper

178 100

176 18.0 14.4 21.6

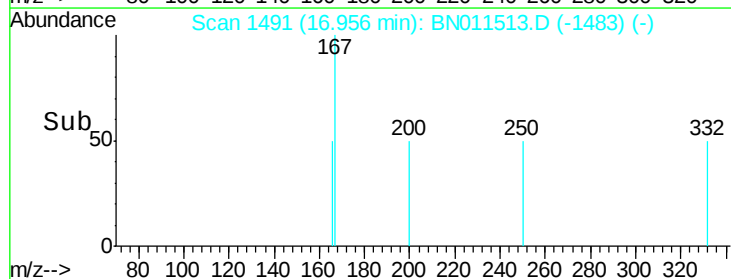
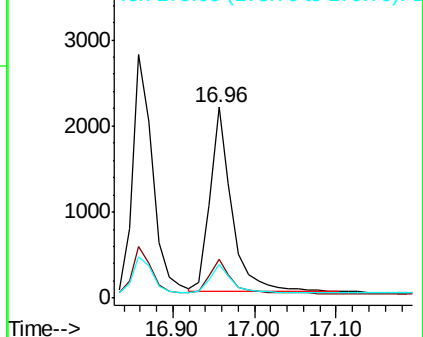
179 15.2 12.2 18.2

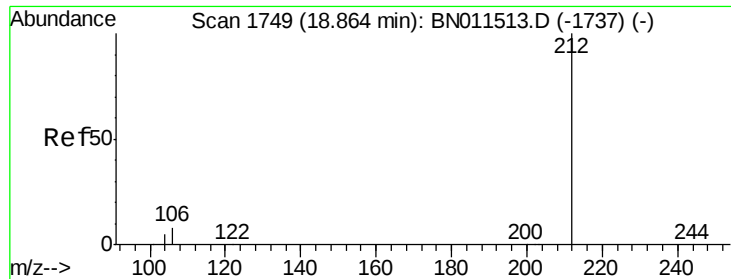


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.365 ng

RT: 18.86 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

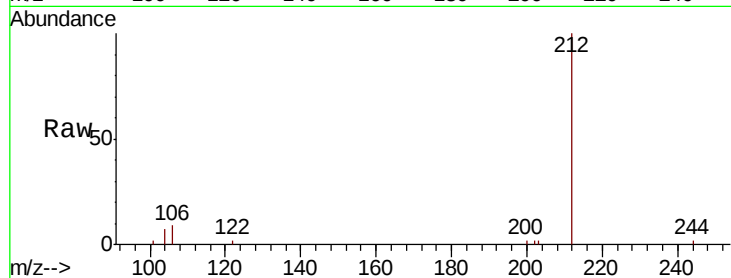
Tot Ion:212 Resp: 4642

Ion Ratio Lower Upper

212 100

106 7.5 6.0 9.0

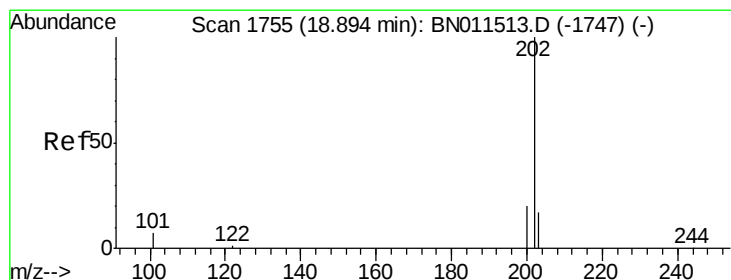
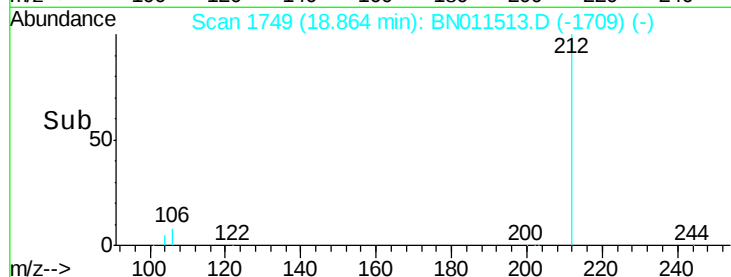
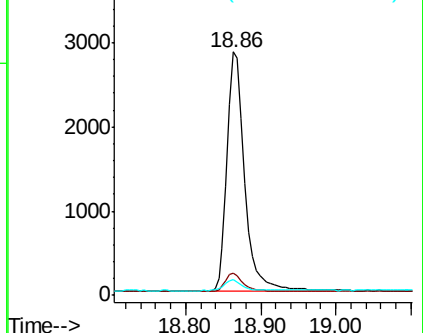
104 4.6 3.7 5.5



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: 0.369 ng

RT: 18.89 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

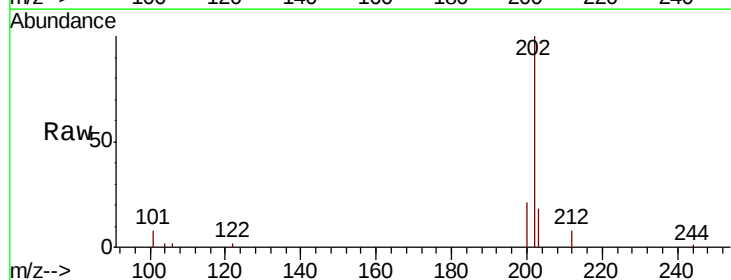
Tgt Ion:202 Resp: 5692

Ion Ratio Lower Upper

202 100

101 6.4 5.1 7.7

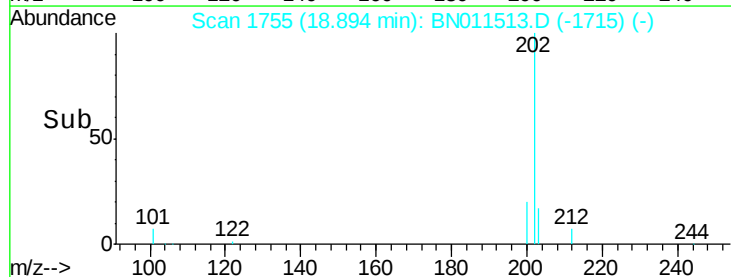
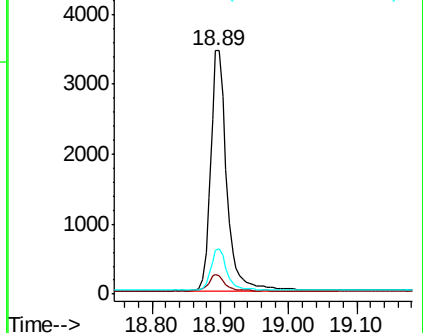
203 17.2 13.8 20.6

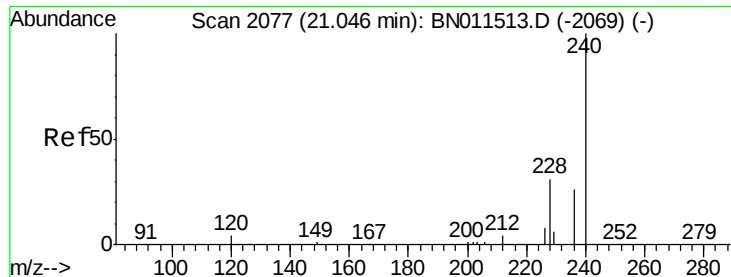


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

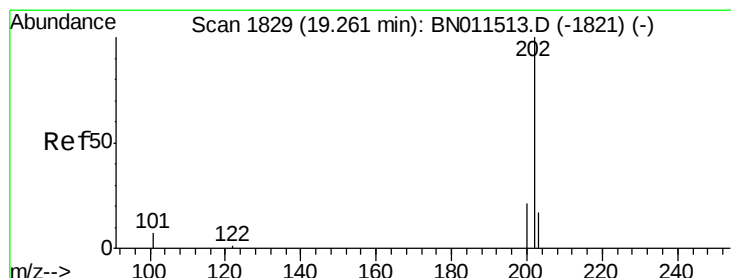
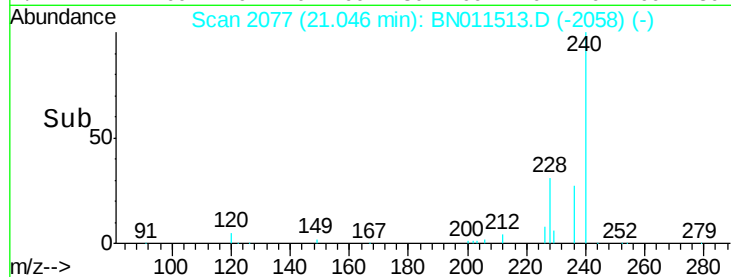
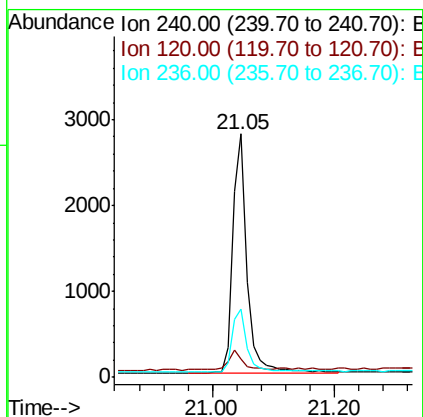
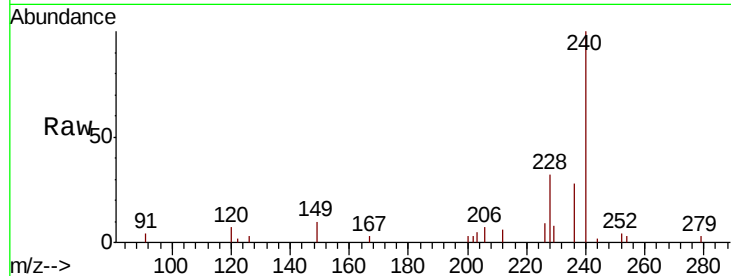




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BN011513.D
Acq: 19 Aug 2020 12:48

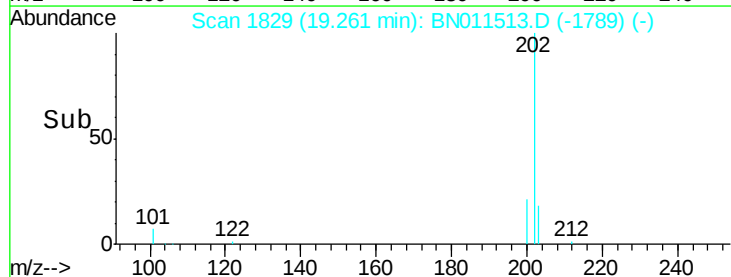
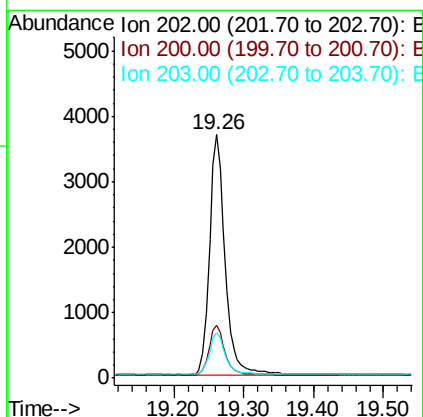
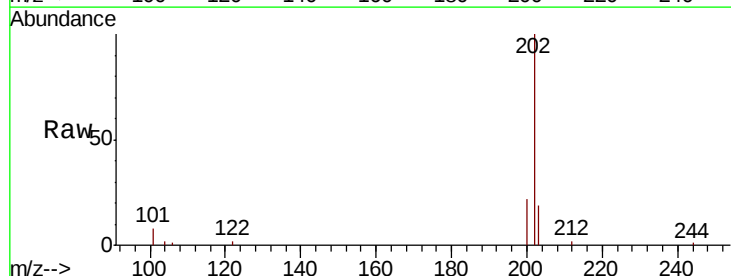
Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

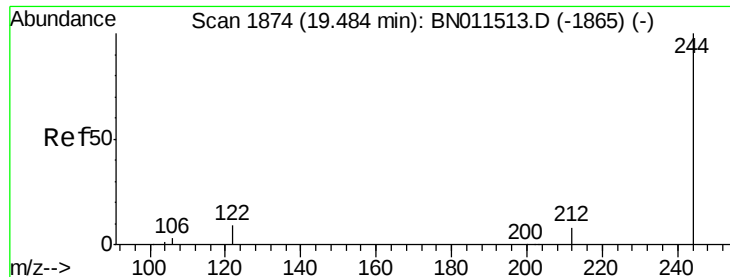
Tot Ion:240 Resp: 4581
Ion Ratio Lower Upper
240 100
120 7.5 6.0 9.0
236 28.2 22.6 33.8



#30
Pyrene
Concen: 0.276 ng
RT: 19.26 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BN011513.D
Acq: 19 Aug 2020 12:48

Tgt Ion:202 Resp: 5700
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.4 13.9 20.9





#31

Terphenyl-d14

Concen: 0.278 ng

RT: 19.48 min Scan# 1874

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

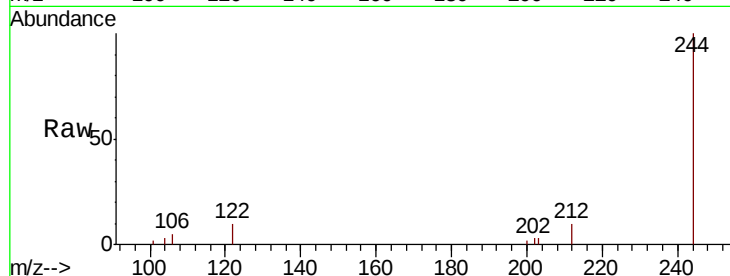
Tot Ion:244 Resp: 3849

Ion Ratio Lower Upper

244 100

212 10.3 8.2 12.4

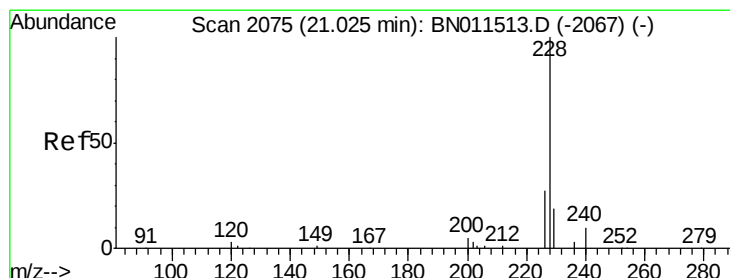
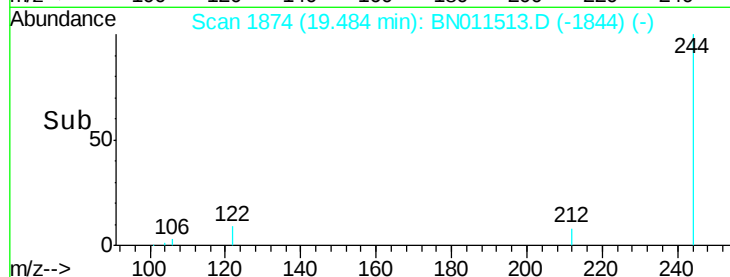
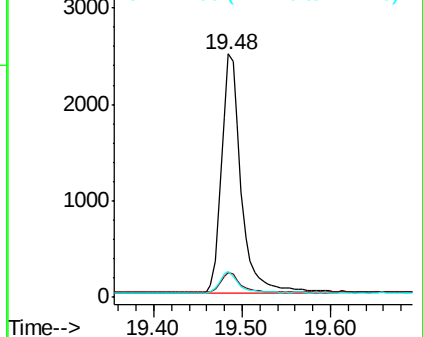
122 10.5 8.4 12.6



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: 0.335 ng

RT: 21.02 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

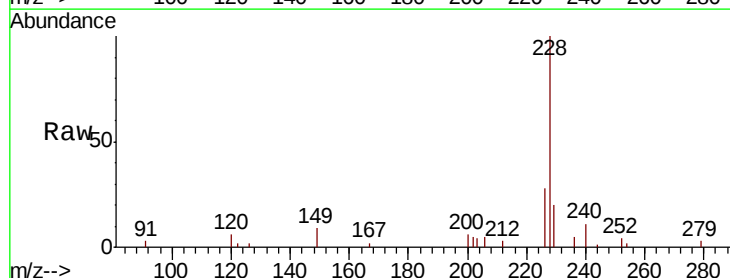
Tgt Ion:228 Resp: 5148

Ion Ratio Lower Upper

228 100

226 28.2 22.6 33.8

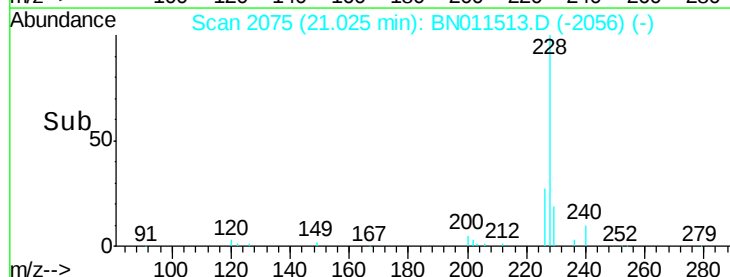
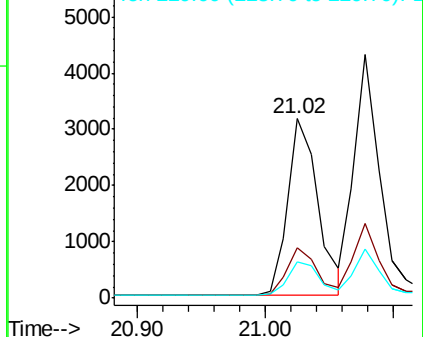
229 20.2 16.2 24.2

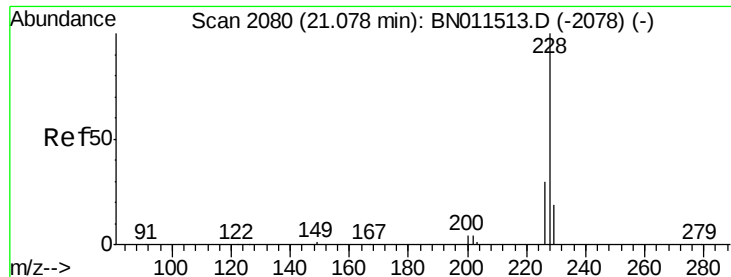


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.345 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

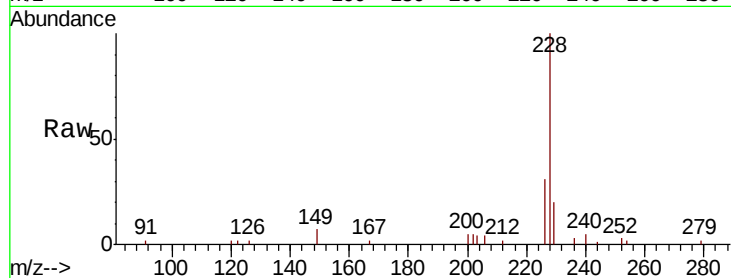
Tot Ion:228 Resp: 5944

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

229 19.9 15.9 23.9

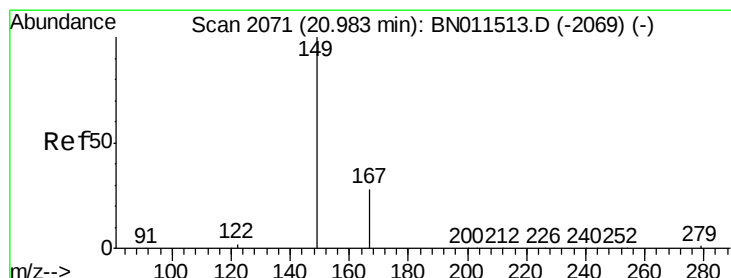
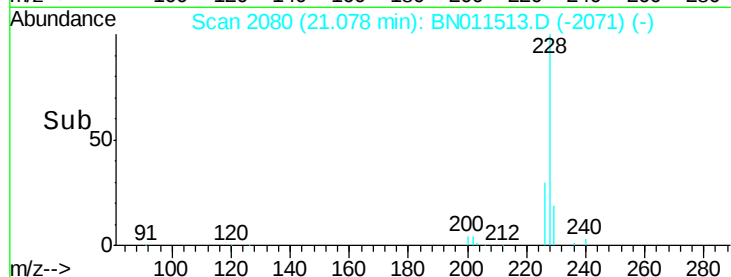
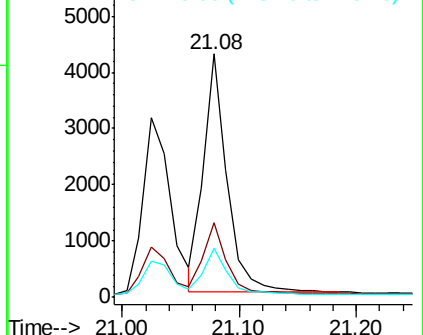


Abundance

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: 0.222 ng

RT: 20.98 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

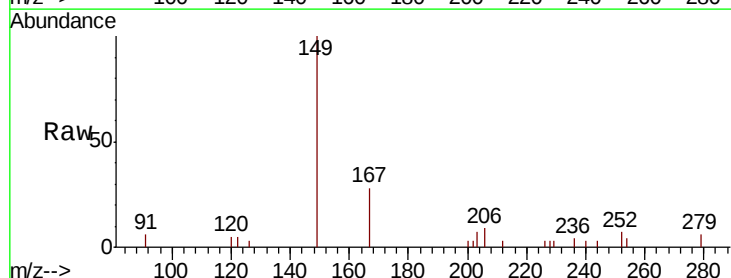
Tgt Ion:149 Resp: 1830

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

279 4.8 4.1 6.1

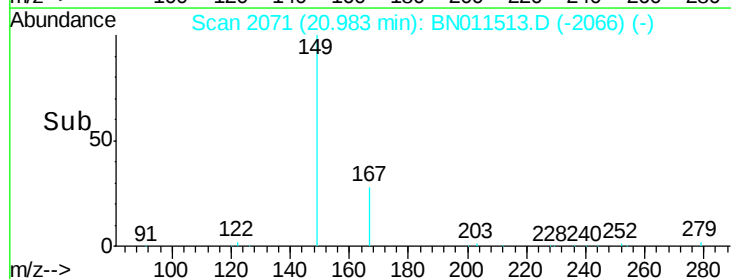
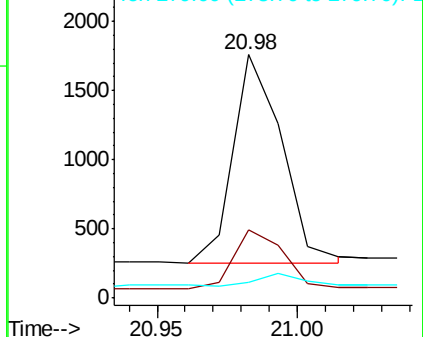


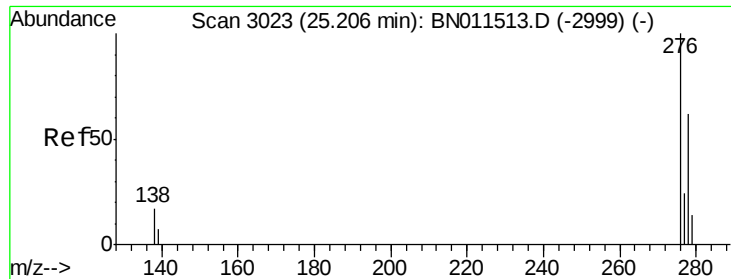
Abundance

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

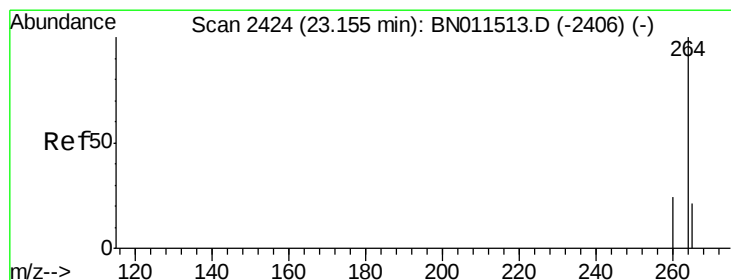
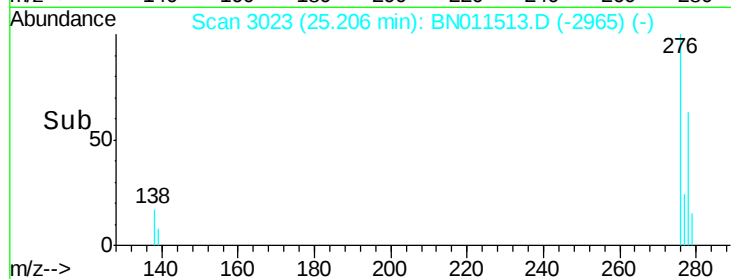
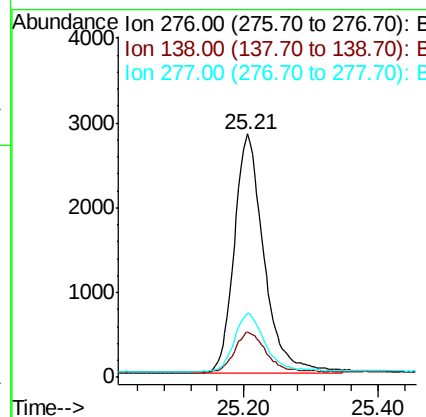
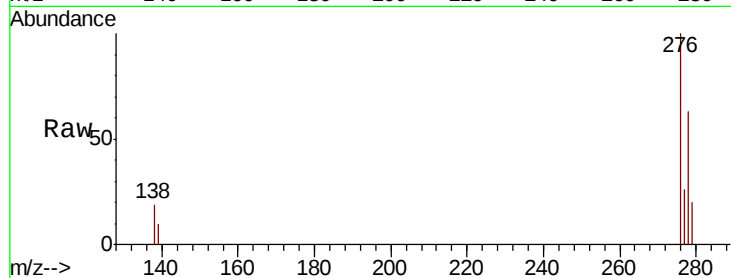




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.518 ng
 RT: 25.21 min Scan# 3023
 Delta R.T. 0.00 min
 Lab File: BN011513.D
 Acq: 19 Aug 2020 12:48

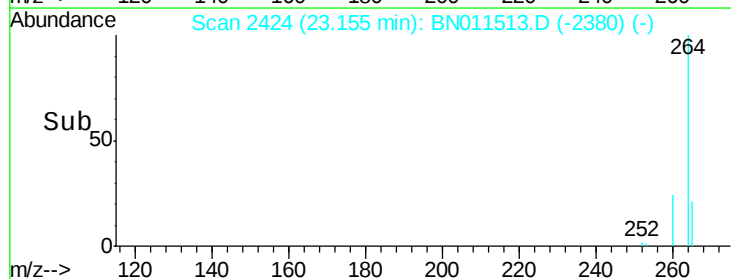
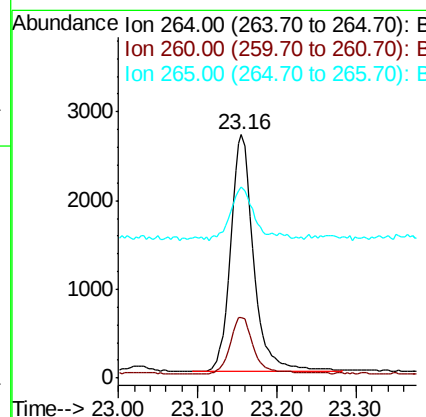
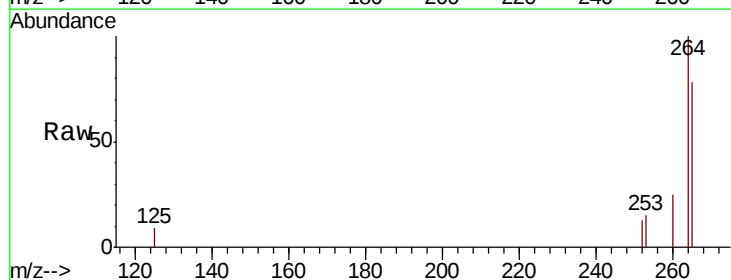
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.4

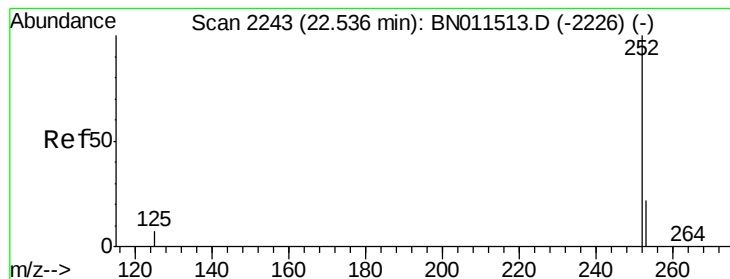
Tot Ion:276 Resp: 8719
 Ion Ratio Lower Upper
 276 100
 138 17.0 13.6 20.4
 277 24.8 19.8 29.8



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2424
 Delta R.T. 0.00 min
 Lab File: BN011513.D
 Acq: 19 Aug 2020 12:48

Tgt Ion:264 Resp: 5363
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 78.3 62.6 94.0





#37

Benzo(b)fluoranthene

Concen: 0.354 ng

RT: 22.54 min Scan# 2243

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

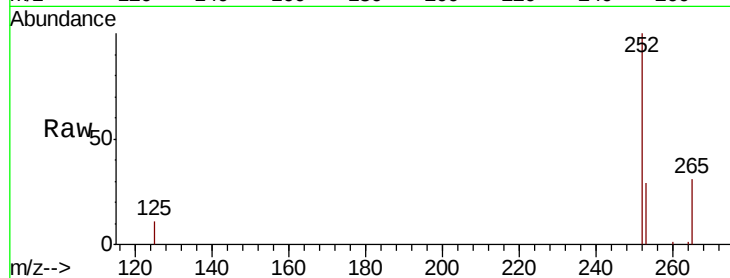
Tot Ion:252 Resp: 7567

Ion Ratio Lower Upper

252 100

253 28.8 23.0 34.6

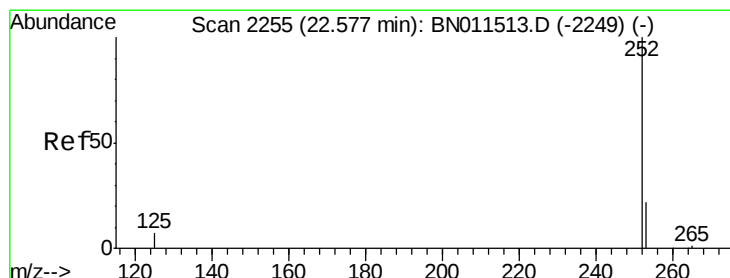
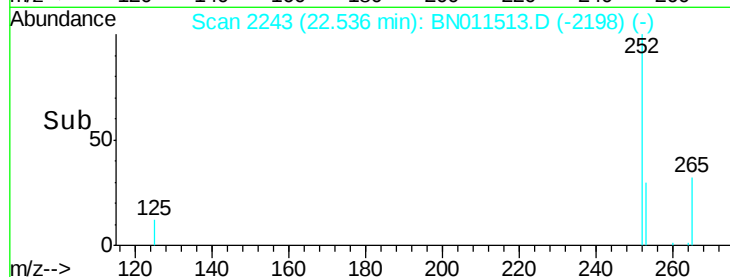
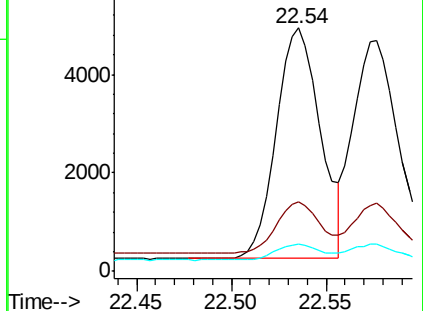
125 11.2 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 0.334 ng

RT: 22.58 min Scan# 2255

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

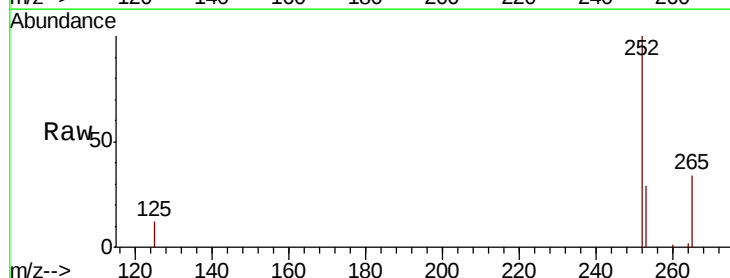
Tgt Ion:252 Resp: 7873

Ion Ratio Lower Upper

252 100

253 29.2 23.4 35.0

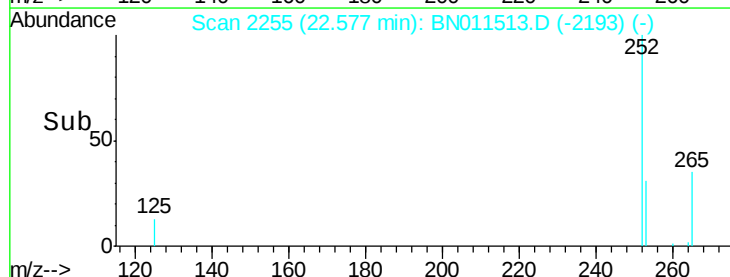
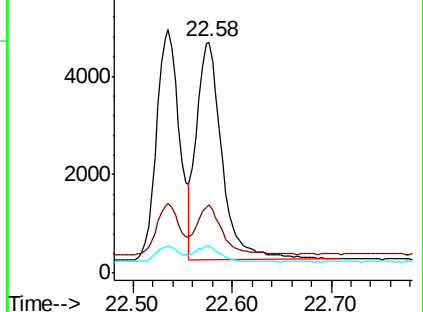
125 12.1 9.7 14.5

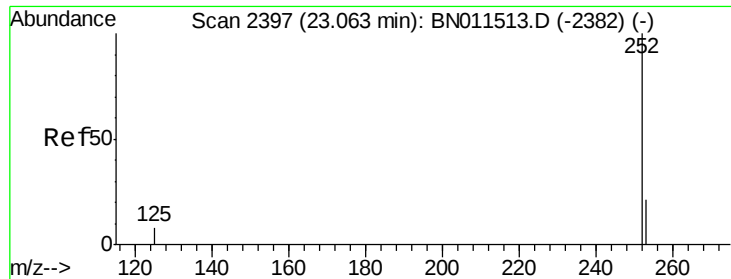


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.349 ng

RT: 23.06 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

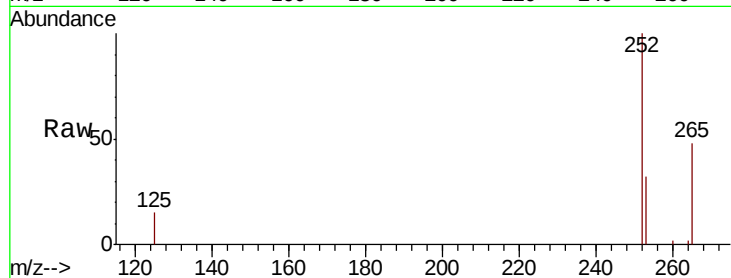
Tot Ion:252 Resp: 6483

Ion Ratio Lower Upper

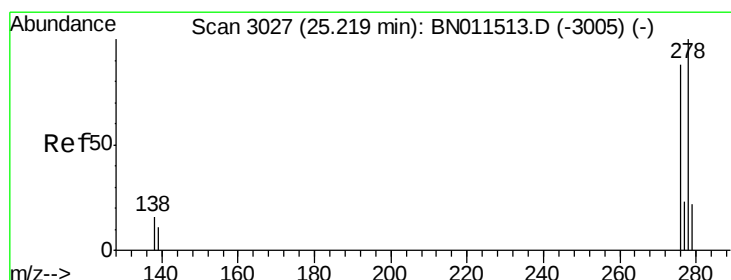
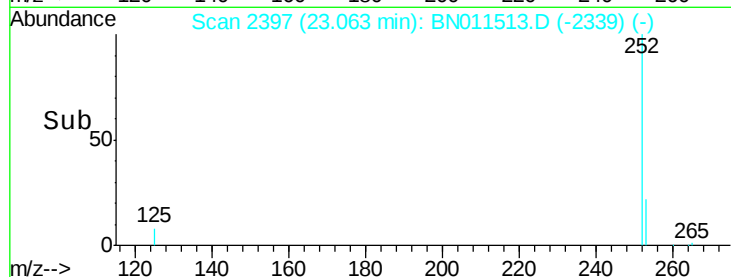
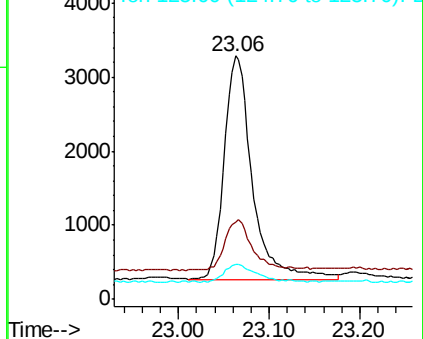
252 100

253 31.7 25.4 38.0

125 14.5 11.6 17.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.371 ng

RT: 25.22 min Scan# 3027

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

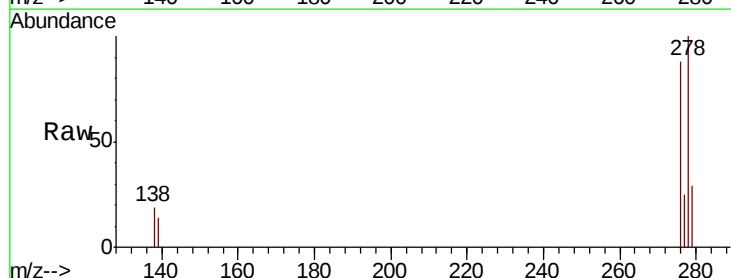
Tgt Ion:278 Resp: 7119

Ion Ratio Lower Upper

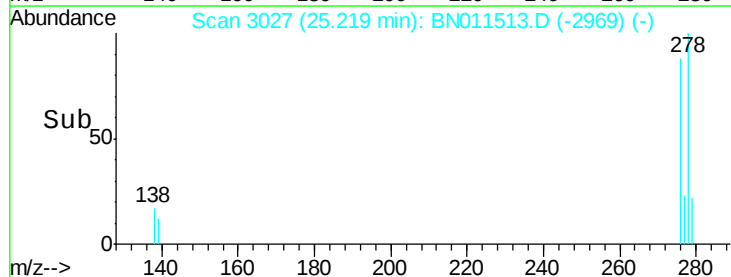
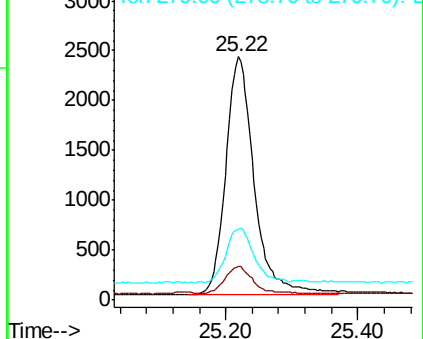
278 100

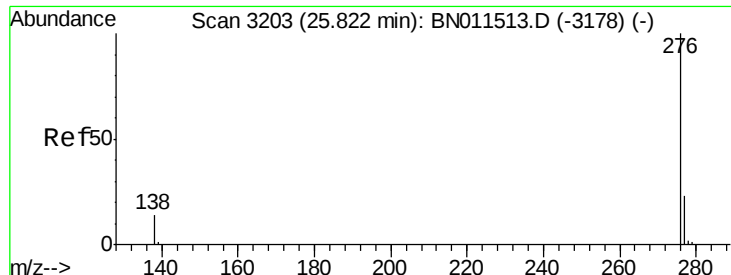
139 13.9 11.1 16.7

279 29.1 23.3 34.9



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: 0.356 ng

RT: 25.82 min Scan# 3203

Delta R.T. 0.00 min

Lab File: BN011513.D

Acq: 19 Aug 2020 12:48

Instrument :

BNA_N

ClientSampleId :

SSTDICCC0.4

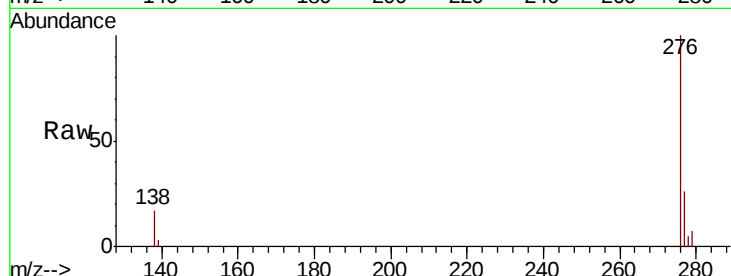
Tot Ion: 276 Resp: 7569

Ion Ratio Lower Upper

276 100

277 25.6 20.5 30.7

138 16.5 13.2 19.8



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

