

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\
 Data File : BN011273.D
 Acq On : 28 Jul 2020 10:22
 Operator : CG/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jul 28 12:14:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 12:05:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1163	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	4832	0.40	ng	0.01
13) Acenaphthene-d10	14.12	164	2953	0.40	ng	0.01
19) Phenanthrene-d10	16.87	188	6176	0.40	ng	0.01
29) Chrysene-d12	21.09	240	4519	0.40	ng	0.00
36) Perylene-d12	23.22	264	4025	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	364	0.13	ng	0.00
5) Phenol-d6	6.70	99	388	0.12	ng	0.02
8) Nitrobenzene-d5	8.65	82	353	0.08	ng	0.03
11) 2-Methylnaphthalene-d10	11.84	152	901	0.11	ng	0.01
14) 2,4,6-Tribromophenol	15.64	330	138	0.11	ng	0.03
15) 2-Fluorobiphenyl	12.75	172	1383	0.10	ng	0.03
27) Fluoranthene-d10	18.91	212	2050	0.11	ng	0.00
31) Terphenyl-d14	19.53	244	1580	0.13	ng	0.00

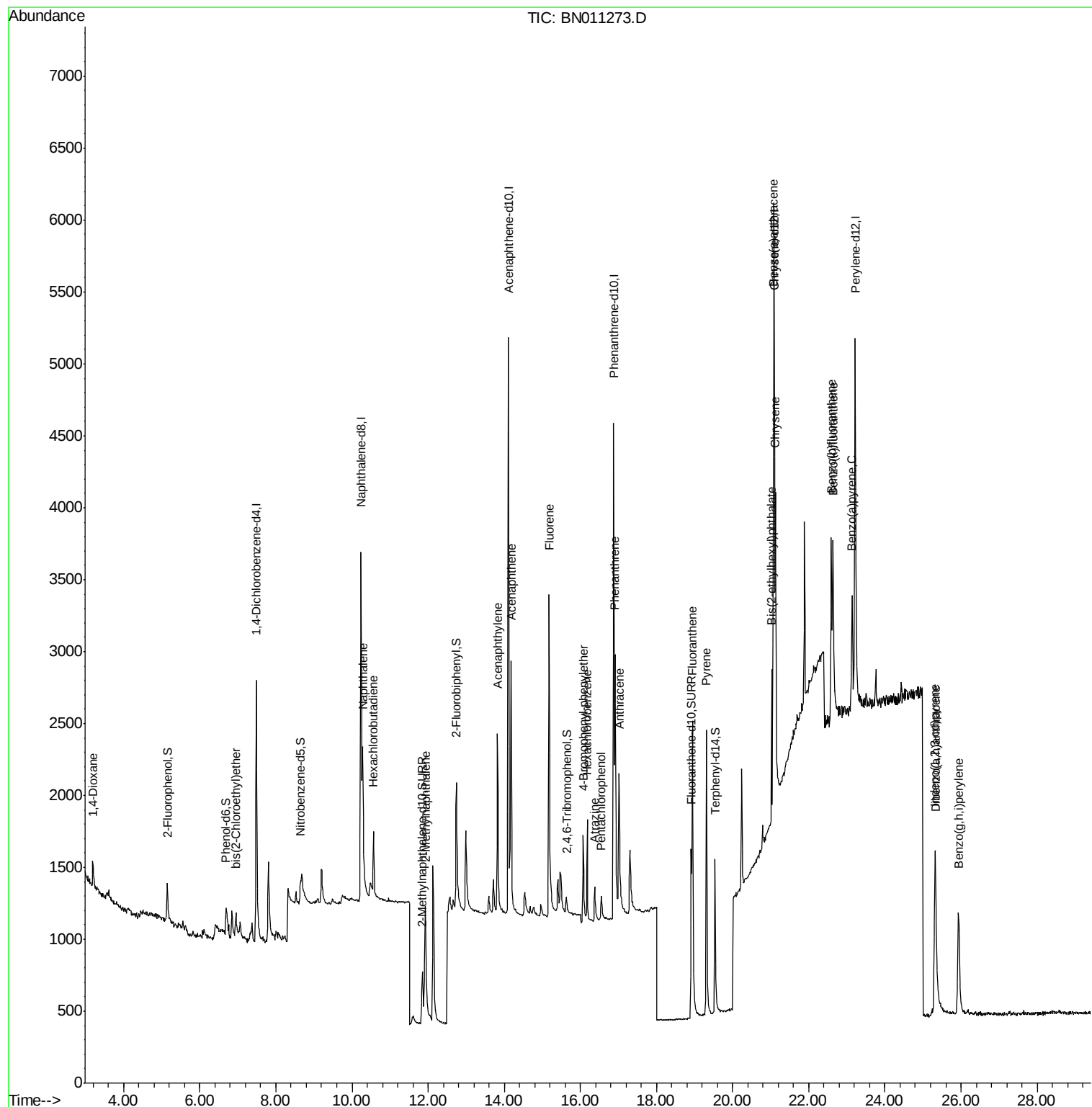
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	201	0.121	ng	93
6) bis(2-Chloroethyl)ether	6.95	93	345	0.116	ng	# 86
9) Naphthalene	10.29	128	1587	0.110	ng	# 85
10) Hexachlorobutadiene	10.57	225	384	0.108	ng	# 99
12) 2-Methylnaphthalene	11.93	142	1075	0.119	ng	# 93
16) Acenaphthylene	13.82	152	1681	0.112	ng	99
17) Acenaphthene	14.18	154	1095	0.109	ng	97
18) Fluorene	15.18	166	1384	0.108	ng	98
21) 4-Bromophenyl-phenylether	16.08	248	418	0.100	ng	98
22) Hexachlorobenzene	16.18	284	559	0.114	ng	98
23) Atrazine	16.37	200	318	0.108	ng	# 82
24) Pentachlorophenol	16.54	266	148	0.102	ng	95
25) Phenanthrene	16.91	178	2155	0.109	ng	99
26) Anthracene	17.02	178	1652	0.100	ng	98
28) Fluoranthene	18.94	202	2385	0.100	ng	100
30) Pyrene	19.31	202	2455	0.142	ng	99
32) Benzo(a)anthracene	21.08	228	1519	0.104	ng	# 93
33) Chrysene	21.12	228	2079	0.116	ng	95
34) Bis(2-ethylhexyl)phthalate	21.02	149	987	0.164	ng	# 99
35) Indeno(1,2,3-cd)pyrene	25.32	276	1865	0.100	ng	99
37) Benzo(b)fluoranthene	22.59	252	1771	0.110	ng	# 62
38) Benzo(k)fluoranthene	22.64	252	1890	0.103	ng	# 61
39) Benzo(a)pyrene	23.13	252	1582	0.109	ng	# 50
40) Dibenzo(a,h)anthracene	25.33	278	1472	0.095	ng	# 60
41) Benzo(g,h,i)perylene	25.93	276	1809	0.107	ng	# 84

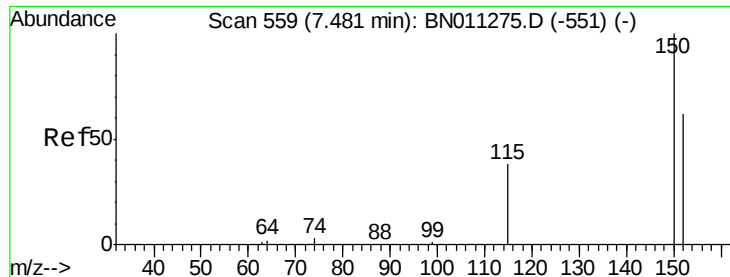
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 28 12:05:27 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.49 min Scan# 560

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

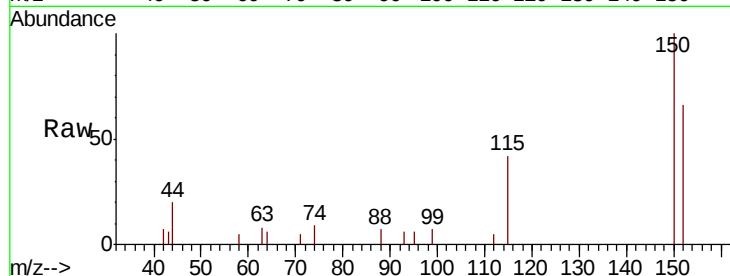
Tot Ion:152 Resp: 1163

Ion Ratio Lower Upper

152 100

150 150.5 126.5 189.7

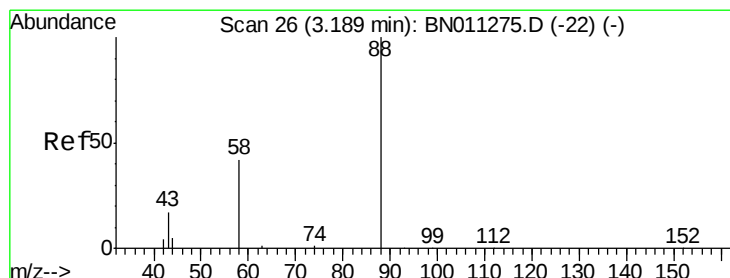
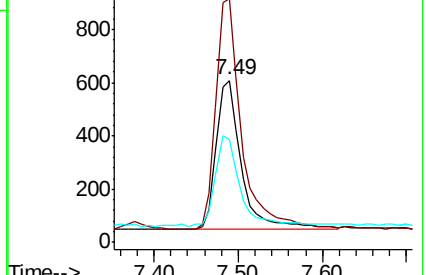
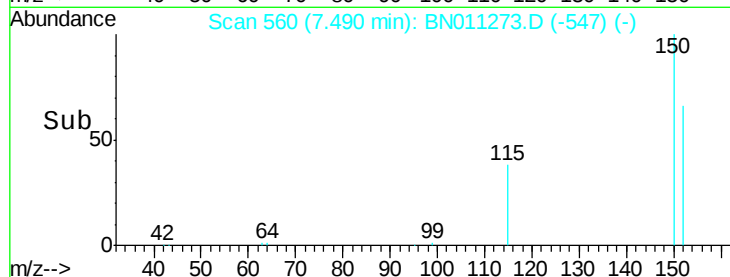
115 63.5 51.9 77.9



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: 0.121 ng

RT: 3.19 min Scan# 26

Delta R.T. 0.00 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

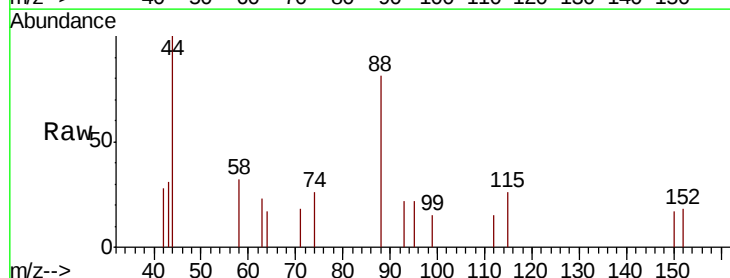
Tgt Ion: 88 Resp: 201

Ion Ratio Lower Upper

88 100

58 49.8 36.5 54.7

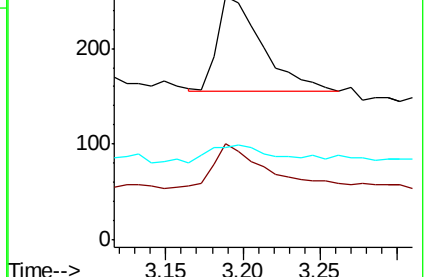
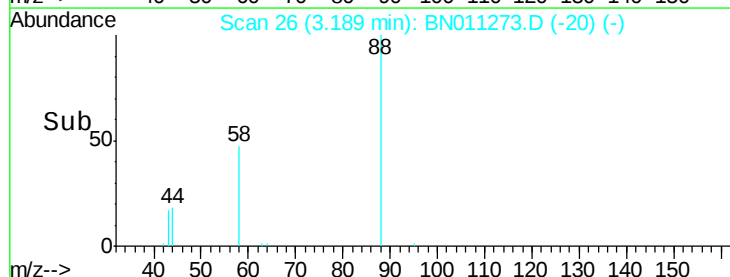
43 23.4 16.1 24.1

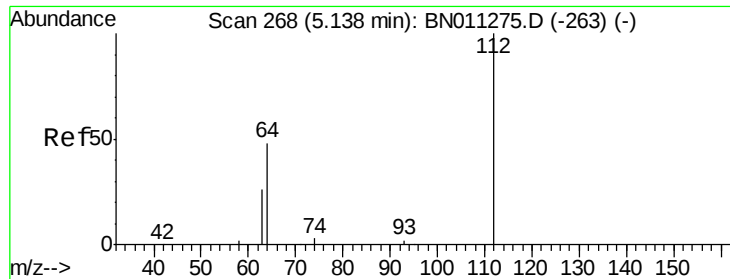


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.127 ng

RT: 5.15 min Scan# 269

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampled :

SSTDIC0.1

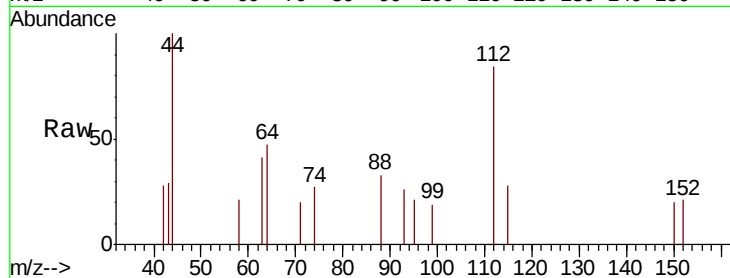
Tot Ion: 112 Resp: 364

Ion Ratio Lower Upper

112 100

64 41.5 35.8 53.6

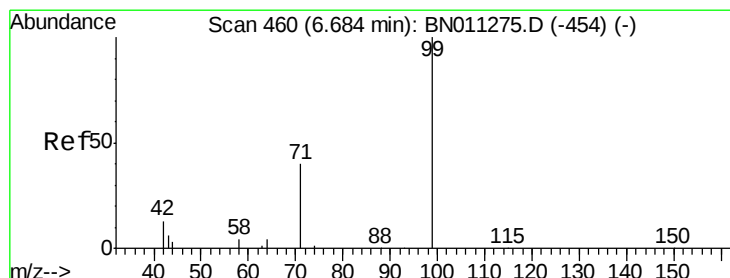
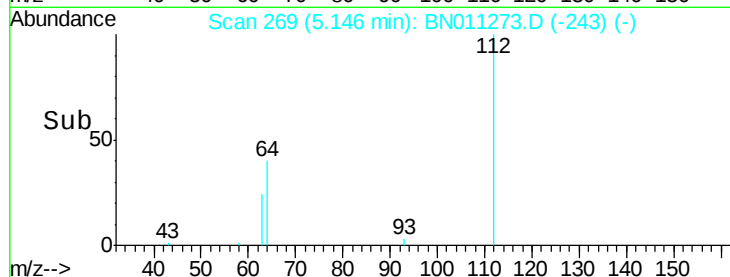
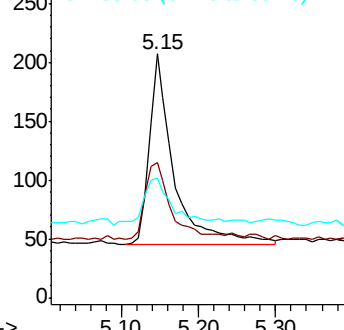
63 28.3 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.120 ng

RT: 6.70 min Scan# 462

Delta R.T. 0.02 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

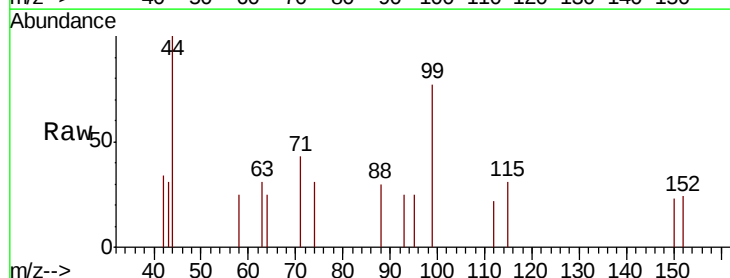
Tgt Ion: 99 Resp: 388

Ion Ratio Lower Upper

99 100

42 21.6 11.2 16.8#

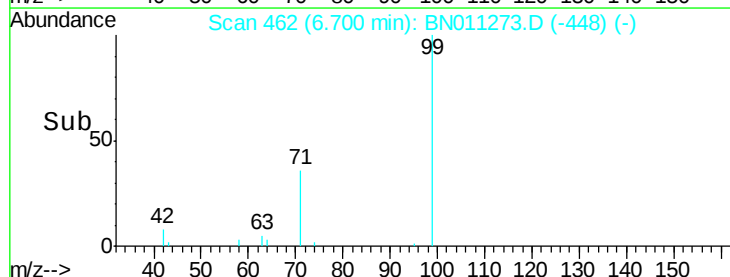
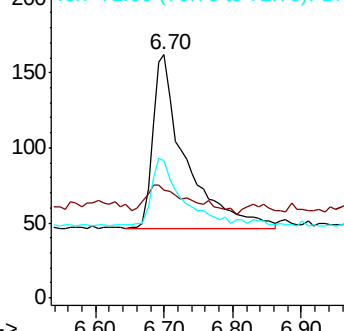
71 36.3 30.6 45.8

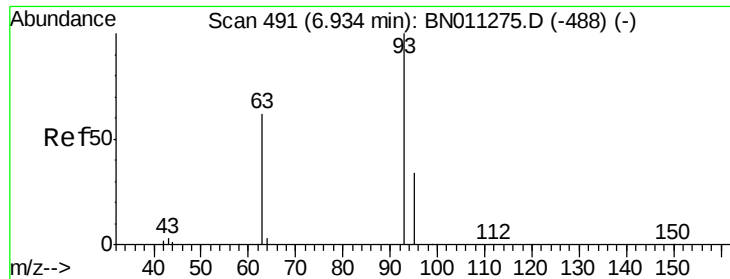


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.116 ng

RT: 6.95 min Scan# 493

Delta R.T. 0.02 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

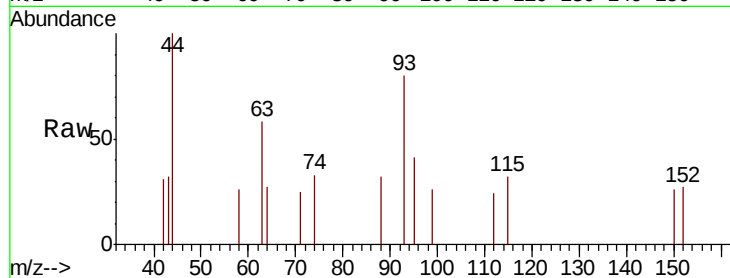
Tot Ion: 93 Resp: 345

Ion Ratio Lower Upper

93 100

63 49.0 47.8 71.6

95 25.5 27.1 40.7#

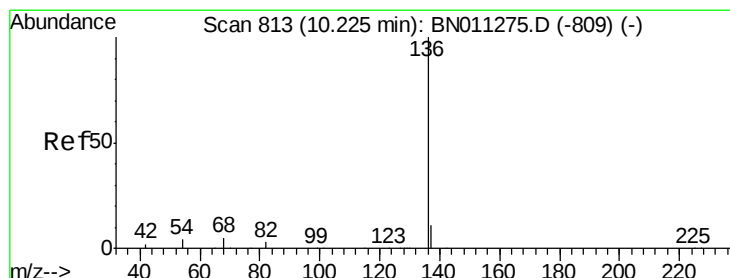
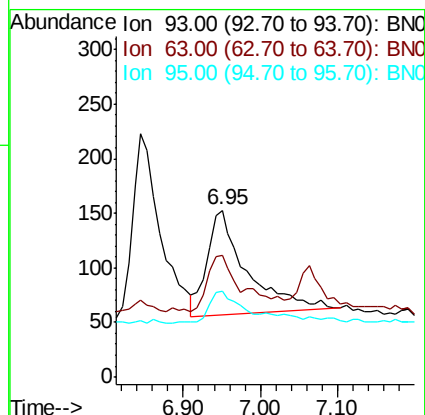
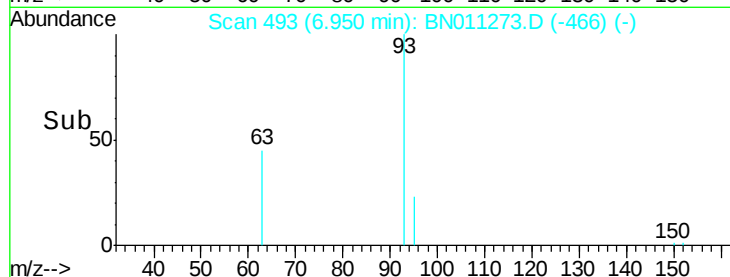


Abundance Ion 93.00 (92.70 to 93.70): BN011275.D (-488) (-)

Ion 63.00 (62.70 to 63.70): BN011275.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011275.D (-488) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Tgt Ion: 136 Resp: 4832

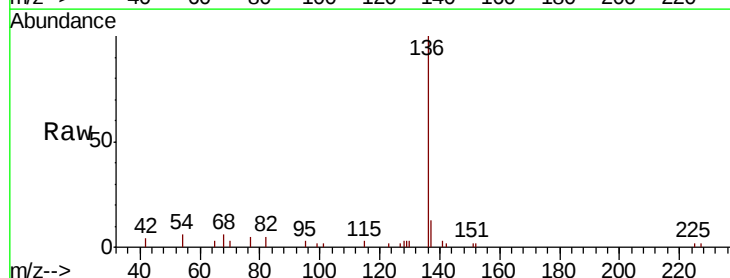
Ion Ratio Lower Upper

136 100

137 13.0 9.9 14.9

54 5.6 4.8 7.2

68 6.3 4.9 7.3



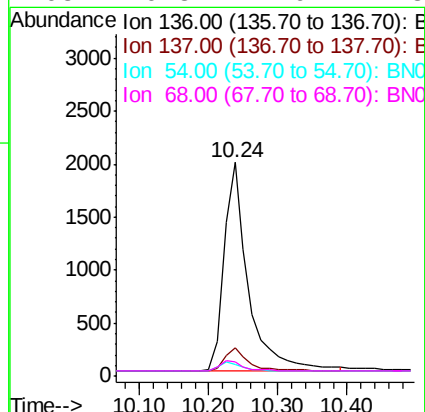
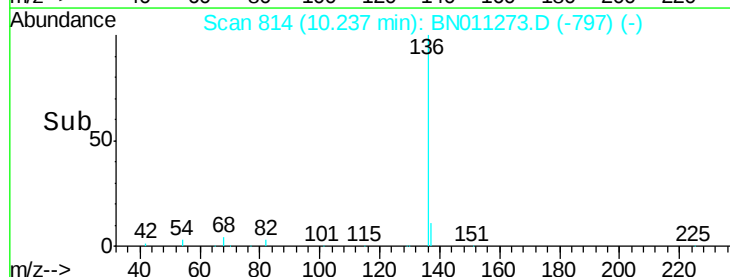
Abundance Ion 136.00 (135.70 to 136.70): BN011275.D (-809) (-)

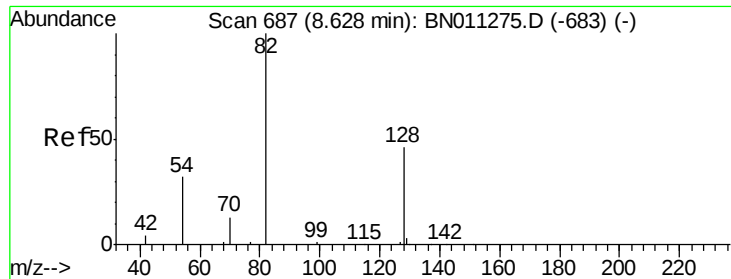
Ion 137.00 (136.70 to 137.70): BN011275.D (-809) (-)

Ion 54.00 (53.70 to 54.70): BN011275.D (-809) (-)

Ion 68.00 (67.70 to 68.70): BN011275.D (-809) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 0.082 ng

RT: 8.65 min Scan# 689

Delta R.T. 0.03 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

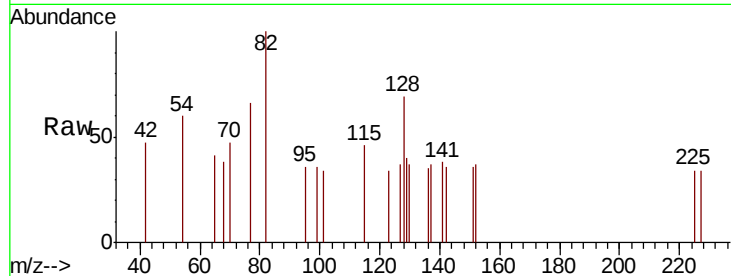
Tot Ion: 82 Resp: 353

Ion Ratio Lower Upper

82 100

128 68.7 40.1 60.1#

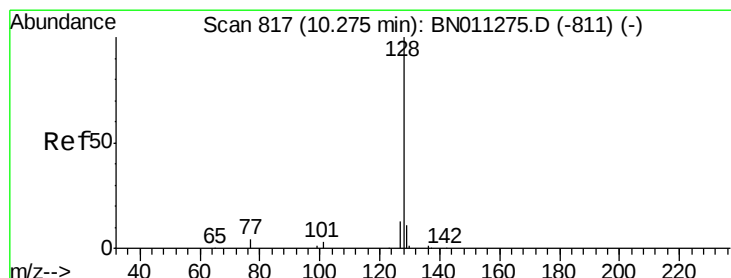
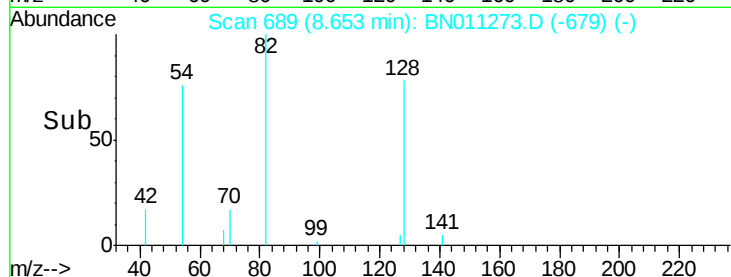
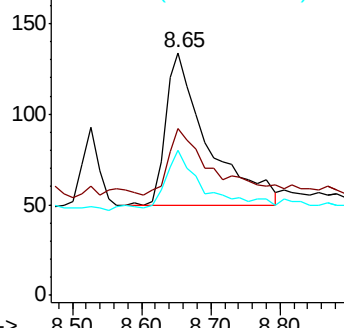
54 59.7 29.0 43.6#



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): BNC

Ion 54.00 (53.70 to 54.70): BNC



#9

Naphthalene

Concen: 0.110 ng

RT: 10.29 min Scan# 818

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

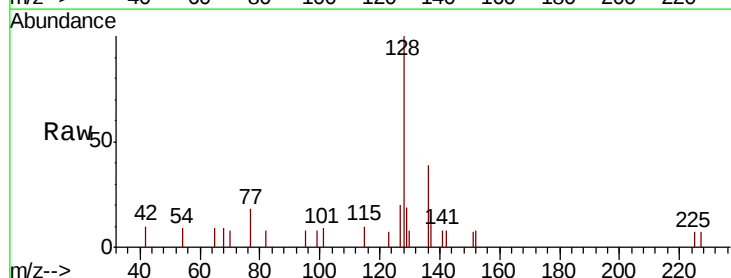
Tgt Ion: 128 Resp: 1587

Ion Ratio Lower Upper

128 100

129 18.7 9.7 14.5#

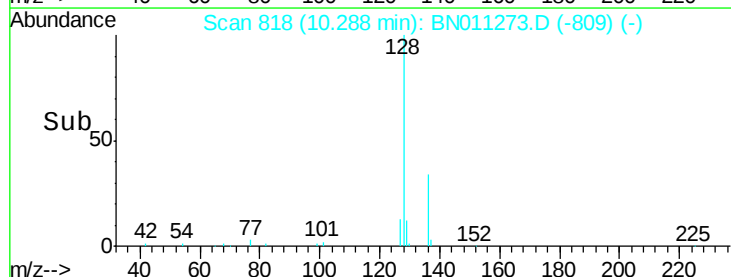
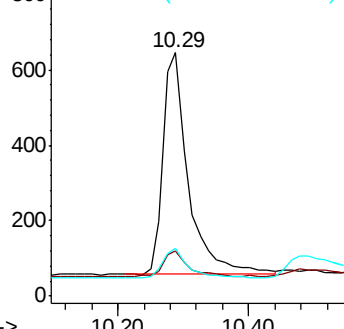
127 19.5 11.5 17.3#

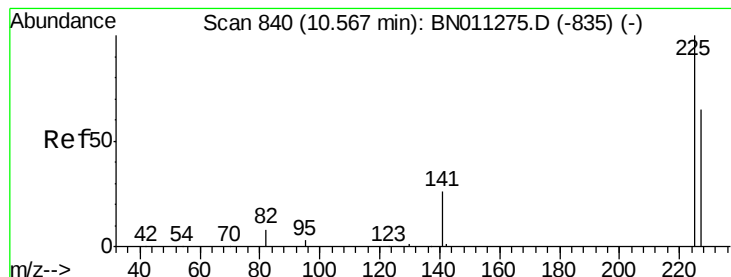


Abundance Ion 128.00 (127.70 to 128.70): BNC

Ion 129.00 (128.70 to 129.70): BNC

Ion 127.00 (126.70 to 127.70): BNC





#10

Hexachlorobutadiene

Concen: 0.108 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

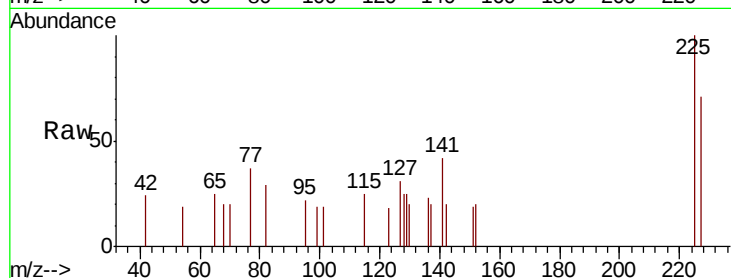
Tot Ion:225 Resp: 384

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

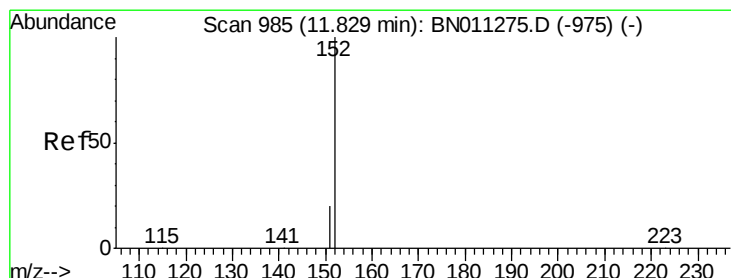
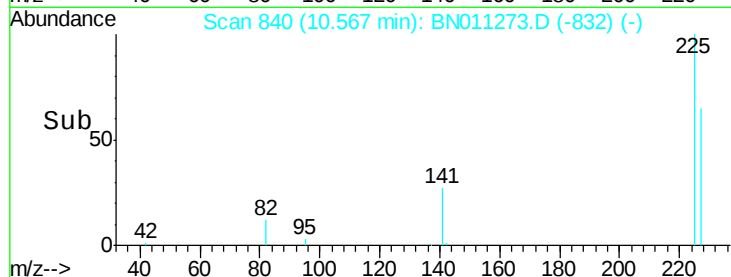
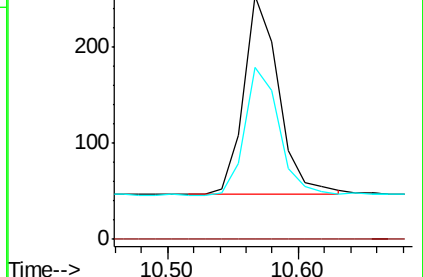
227 64.1 51.7 77.5



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: 0.115 ng

RT: 11.84 min Scan# 988

Delta R.T. 0.01 min

Lab File: BN011273.D

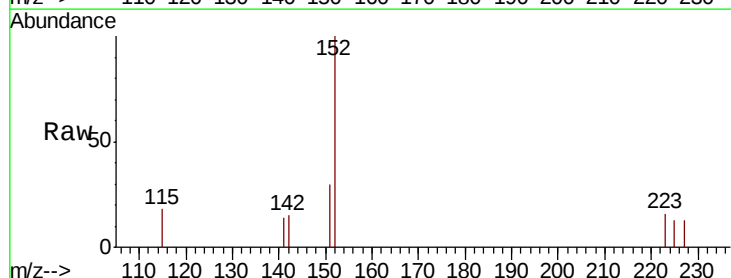
Acq: 28 Jul 2020 10:22

Tgt Ion:152 Resp: 901

Ion Ratio Lower Upper

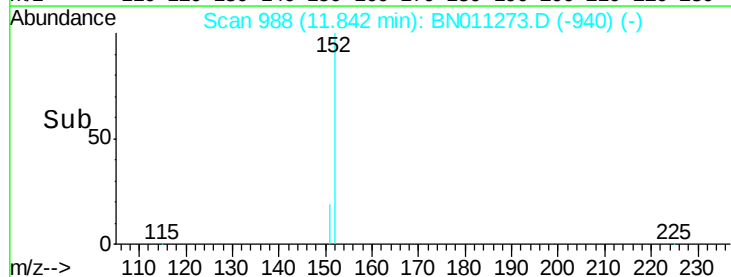
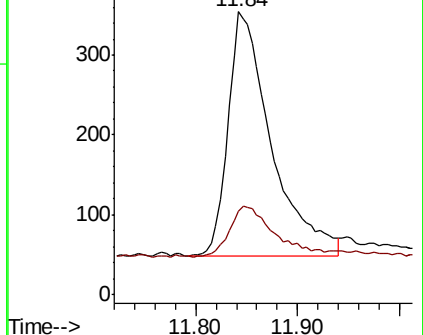
152 100

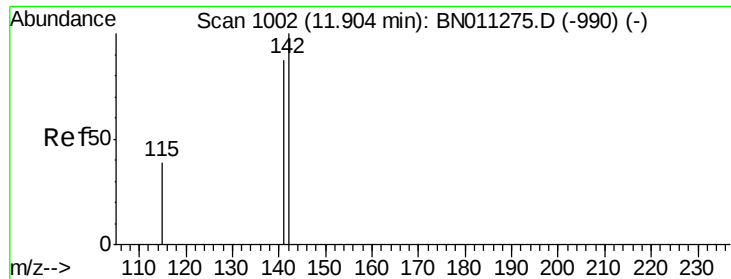
151 22.1 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.119 ng

RT: 11.93 min Scan# 1007

Delta R.T. 0.02 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

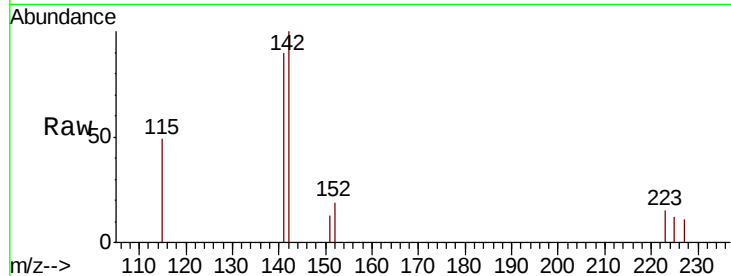
Tot Ion:142 Resp: 1075

Ion Ratio Lower Upper

142 100

141 90.4 69.6 104.4

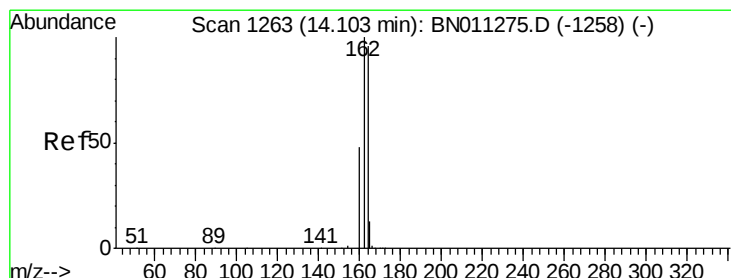
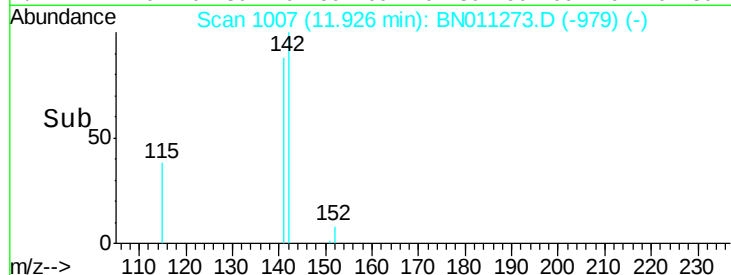
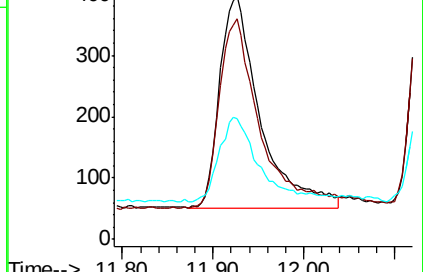
115 49.4 32.5 48.7#



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: 14.12 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

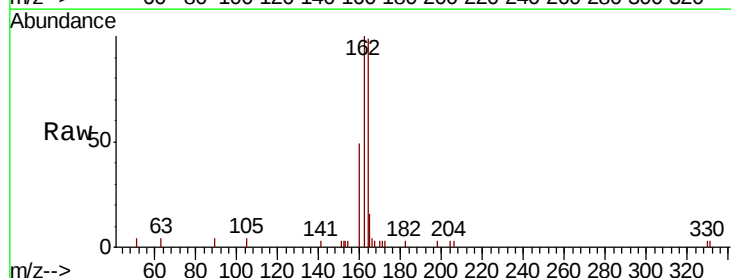
Tgt Ion:164 Resp: 2953

Ion Ratio Lower Upper

164 100

162 101.1 83.6 125.4

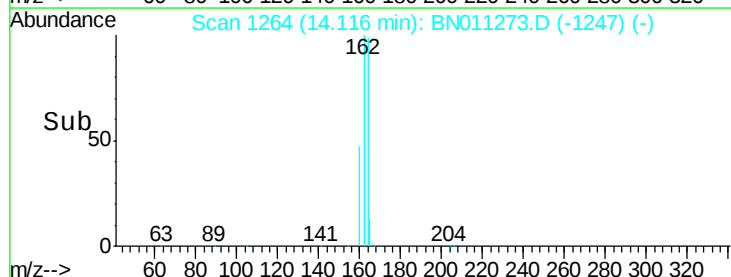
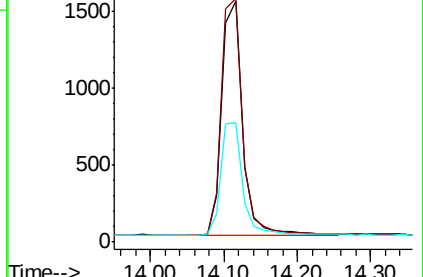
160 49.4 41.2 61.8

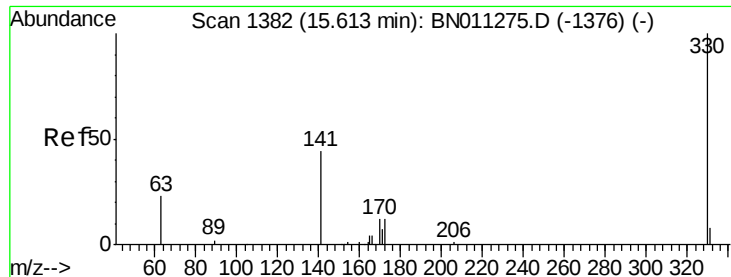


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

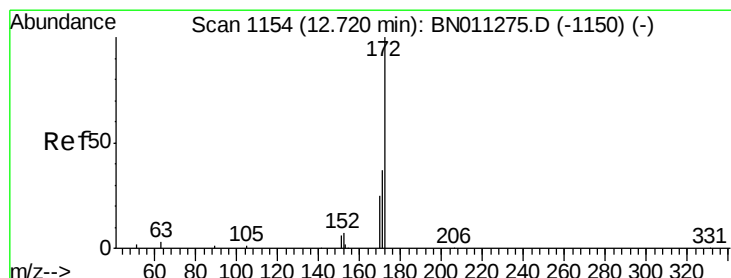
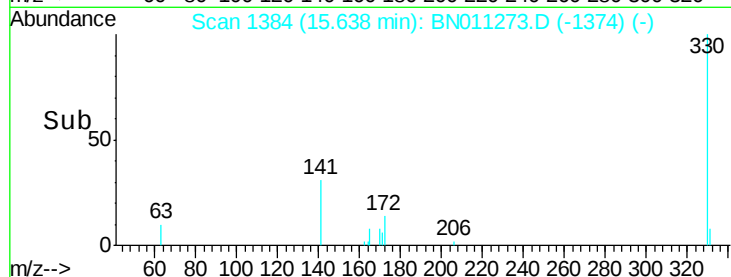
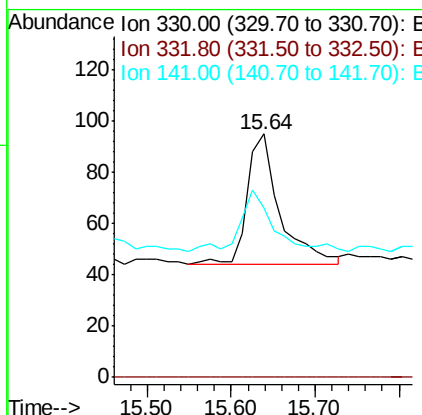
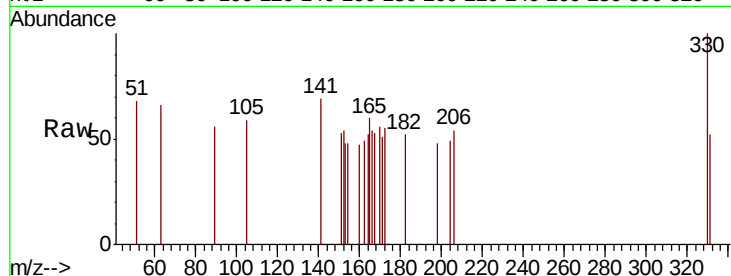




#14
 2,4,6-Tribromophenol
 Concen: 0.105 ng
 RT: 15.64 min Scan# 1384
 Delta R.T. 0.03 min
 Lab File: BN011273.D
 Acq: 28 Jul 2020 10:22

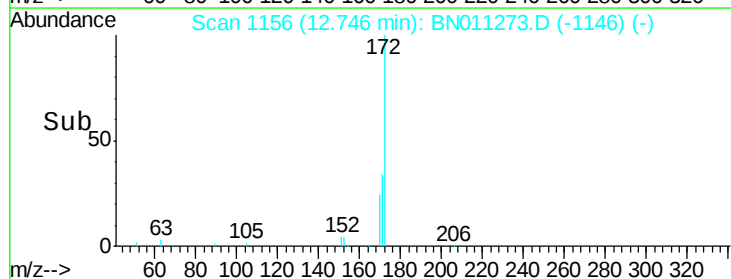
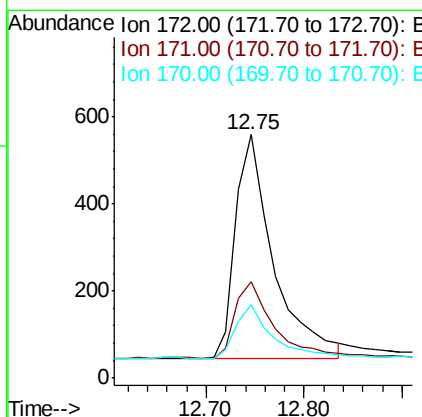
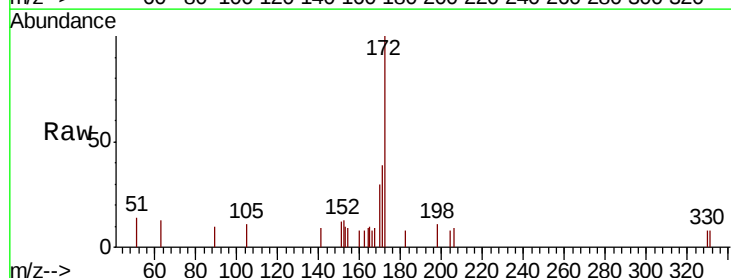
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

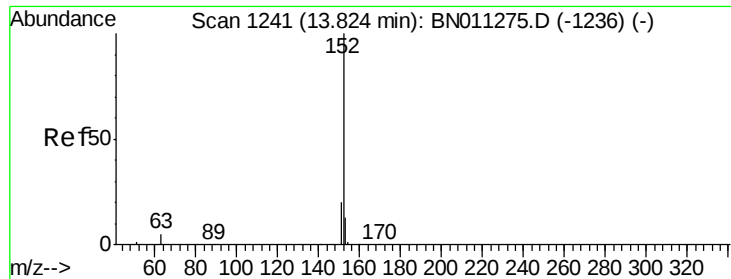
Tot Ion:330 Resp: 138
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 48.6 34.2 51.2



#15
 2-Fluorobiphenyl
 Concen: 0.100 ng
 RT: 12.75 min Scan# 1156
 Delta R.T. 0.03 min
 Lab File: BN011273.D
 Acq: 28 Jul 2020 10:22

Tgt Ion:172 Resp: 1383
 Ion Ratio Lower Upper
 172 100
 171 39.4 30.6 46.0
 170 29.9 21.0 31.4

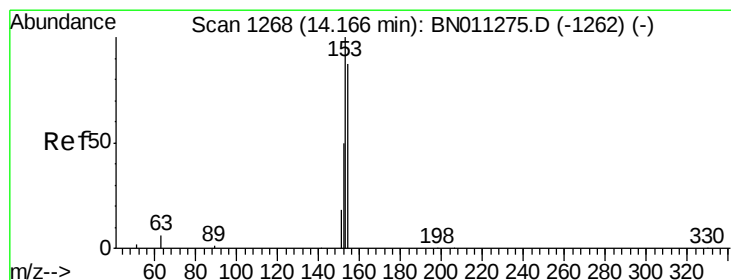
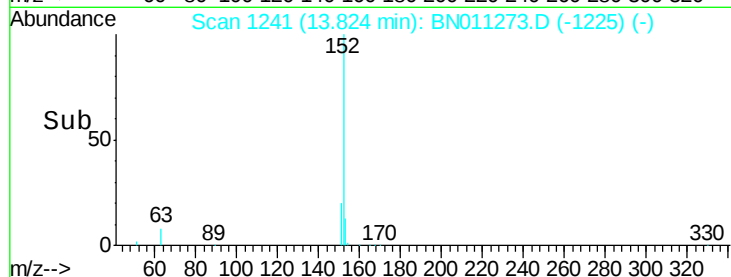
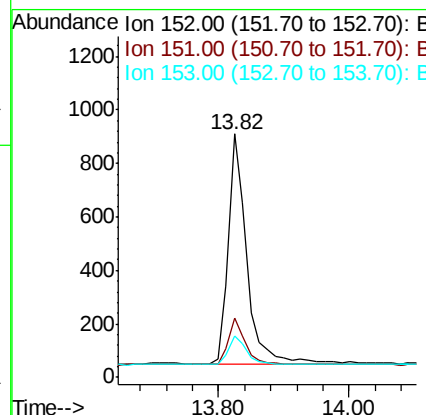
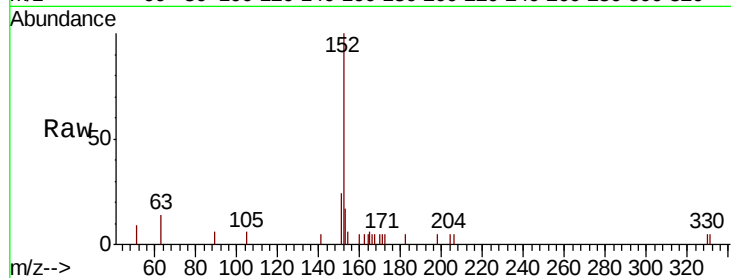




#16
Acenaphthylene
Concen: 0.112 ng
RT: 13.82 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN011273.D
Acq: 28 Jul 2020 10:22

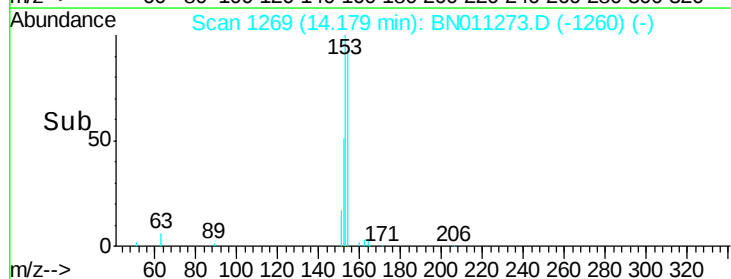
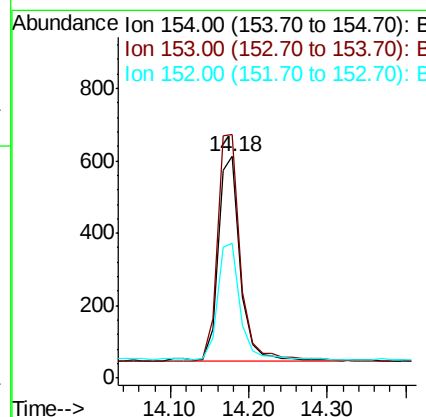
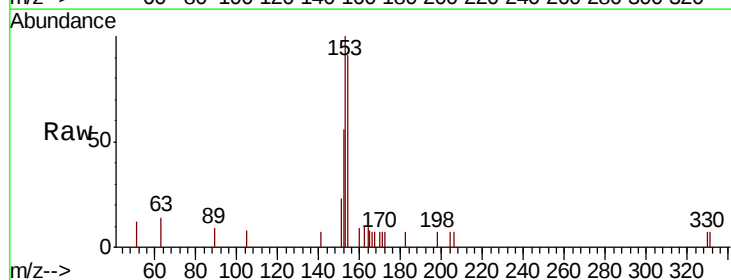
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

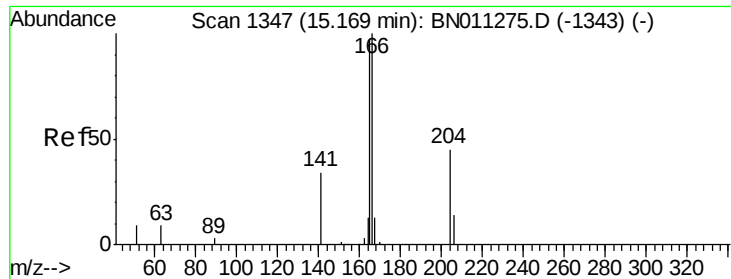
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.8
153	12.6	10.2	15.4



#17
Acenaphthene
Concen: 0.109 ng
RT: 14.18 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BN011273.D
Acq: 28 Jul 2020 10:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.5	91.3	136.9
152	59.3	45.8	68.6





#18

Fluorene

Concen: 0.108 ng

RT: 15.18 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

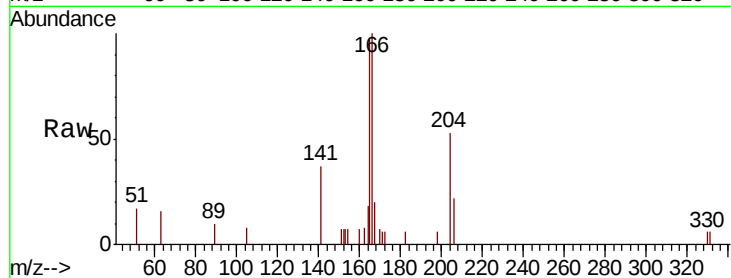
Tot Ion:166 Resp: 1384

Ion Ratio Lower Upper

166 100

165 97.4 79.6 119.4

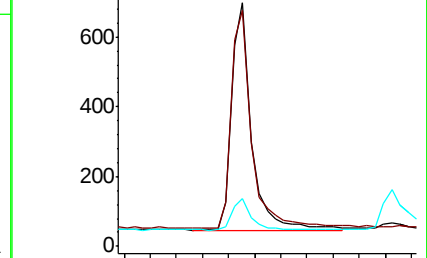
167 13.3 10.8 16.2



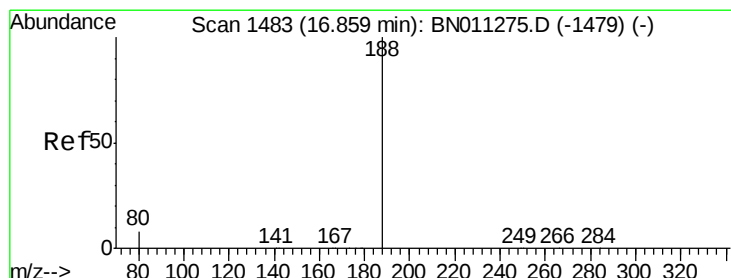
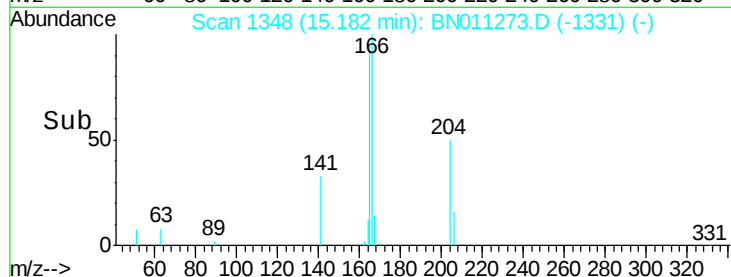
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.00 15.20 15.40



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.87 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

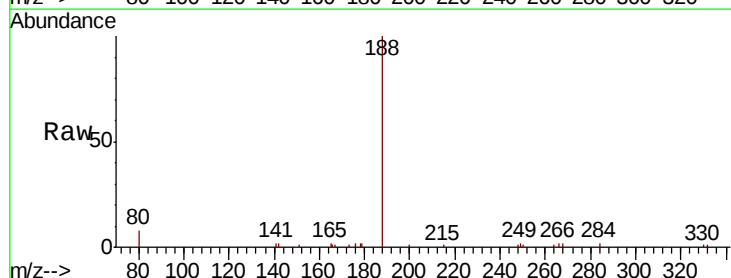
Tgt Ion:188 Resp: 6176

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

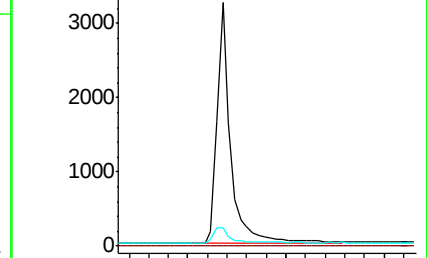
80 7.6 7.4 11.0



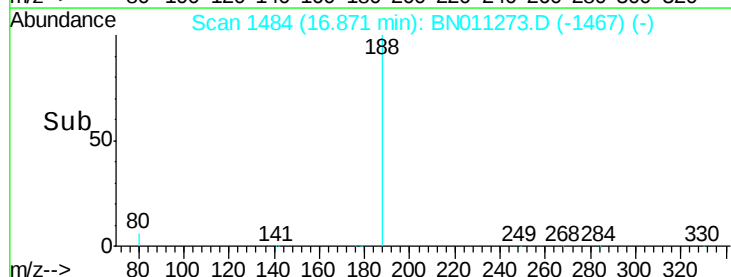
Abundance Ion 188.00 (187.70 to 188.70): E

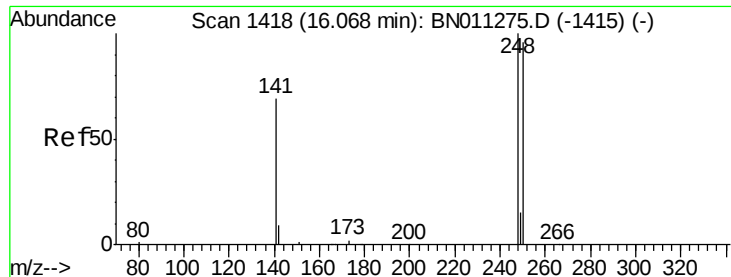
Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



Time--> 16.80 17.00 17.20

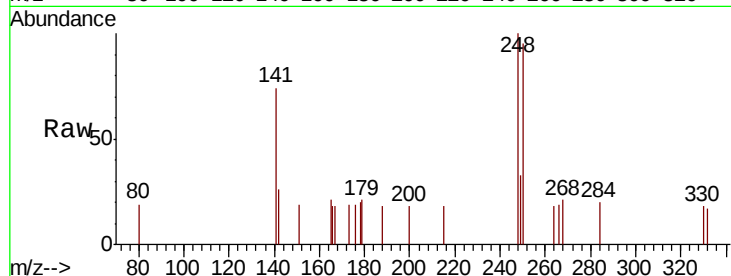




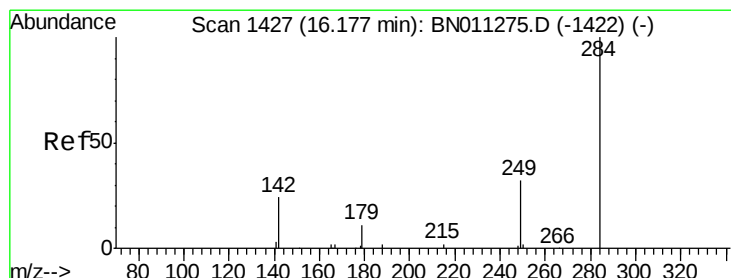
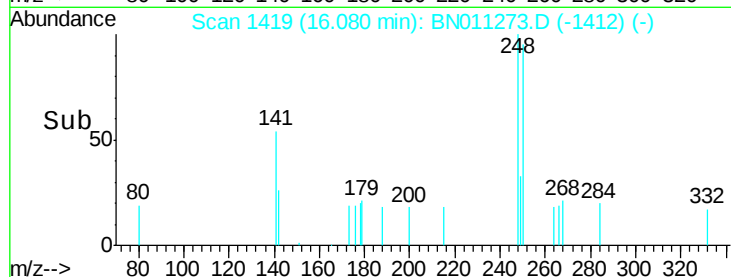
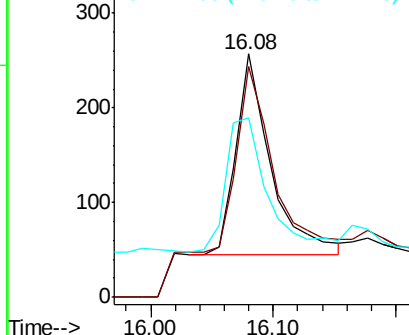
#21
4-Bromophenyl-phenylether
Concen: 0.100 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BN011273.D
Acq: 28 Jul 2020 10:22

Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

Tot Ion:248 Resp: 418
Ion Ratio Lower Upper
248 100
250 94.9 77.2 115.8
141 73.5 56.5 84.7

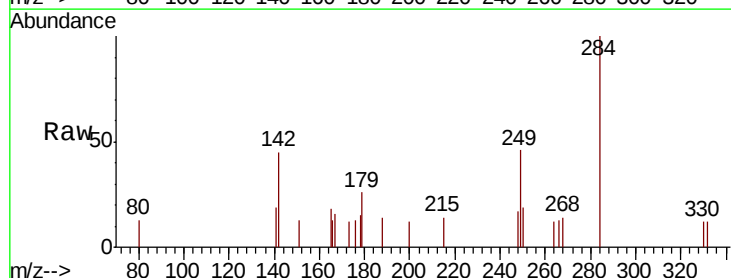


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

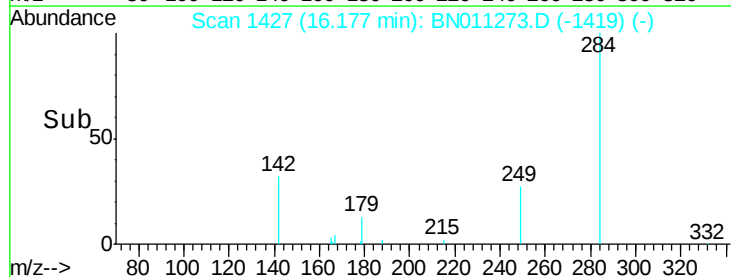
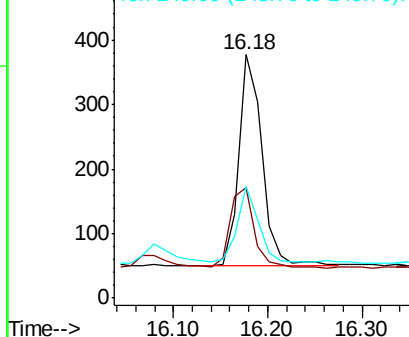


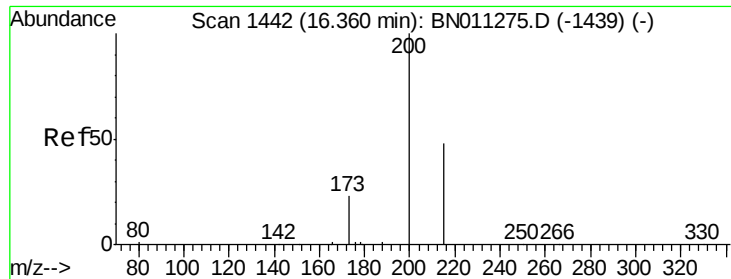
#22
Hexachlorobenzene
Concen: 0.114 ng
RT: 16.18 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BN011273.D
Acq: 28 Jul 2020 10:22

Tgt Ion:284 Resp: 559
Ion Ratio Lower Upper
284 100
142 40.1 32.8 49.2
249 31.8 26.6 40.0



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

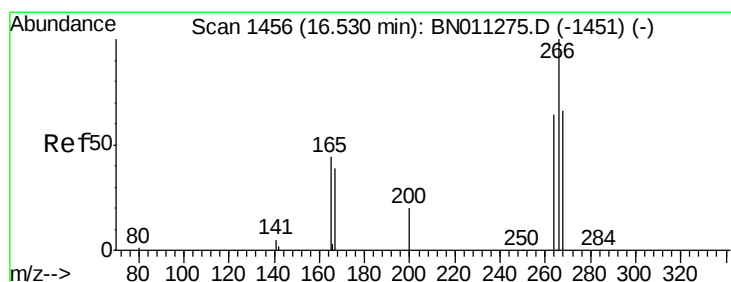
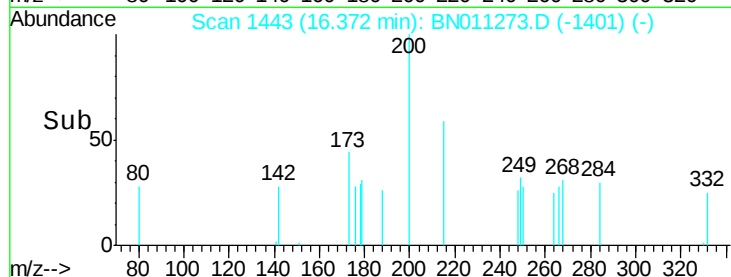
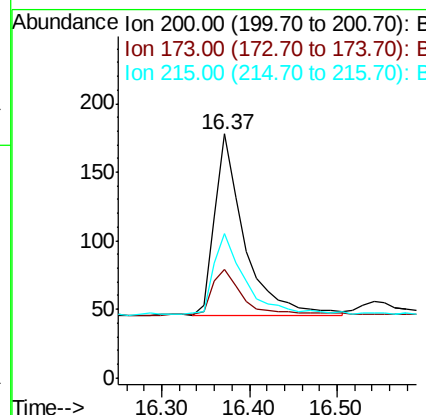
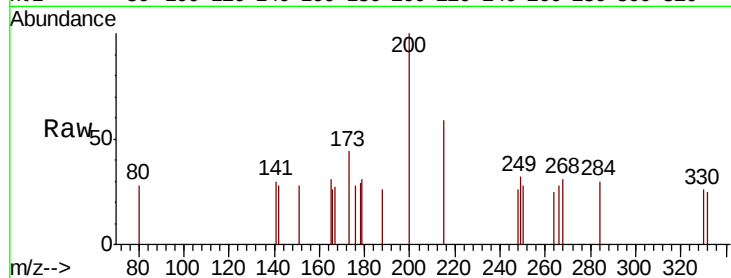




#23
Atrazine
Concen: 0.108 ng
RT: 16.37 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BN011273.D
Acq: 28 Jul 2020 10:22

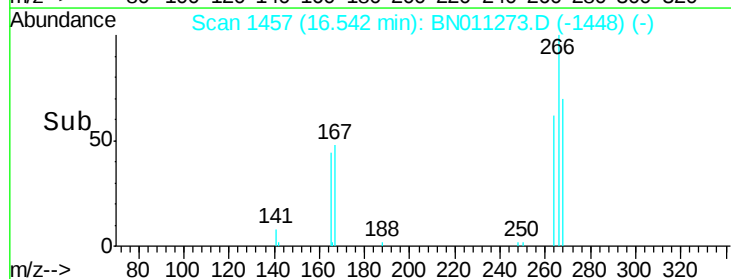
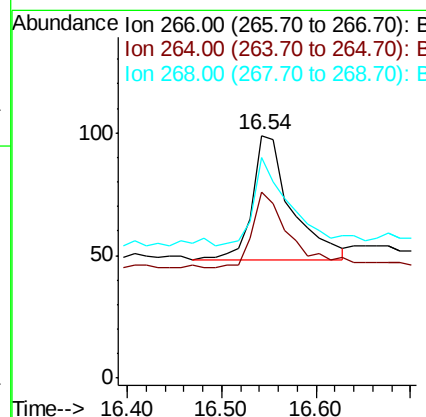
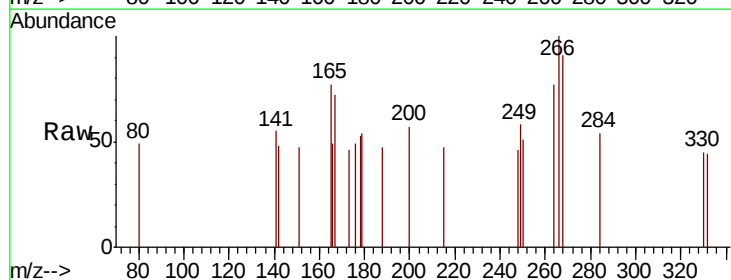
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

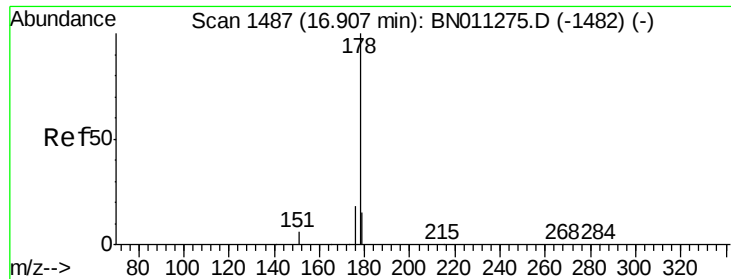
Tot Ion	Ratio	Lower	Upper
200	100		
173	44.4	22.0	33.0
215	59.0	41.1	61.7



#24
Pentachlorophenol
Concen: 0.102 ng
RT: 16.54 min Scan# 1457
Delta R.T. 0.01 min
Lab File: BN011273.D
Acq: 28 Jul 2020 10:22

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.8	51.1	76.7
268	66.9	55.5	83.3





#25

Phenanthrene

Concen: 0.109 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

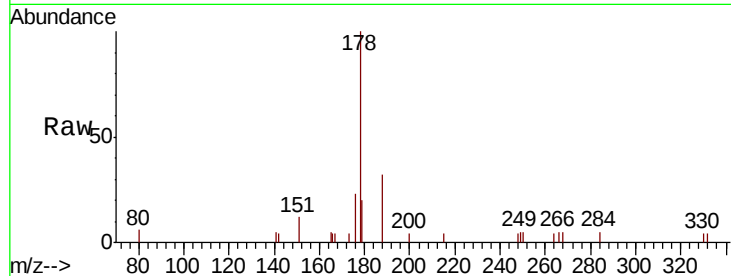
Tot Ion:178 Resp: 2155

Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

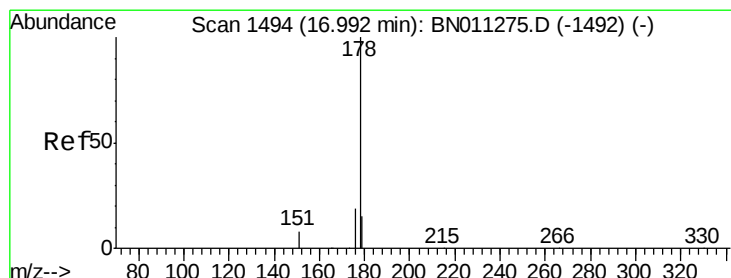
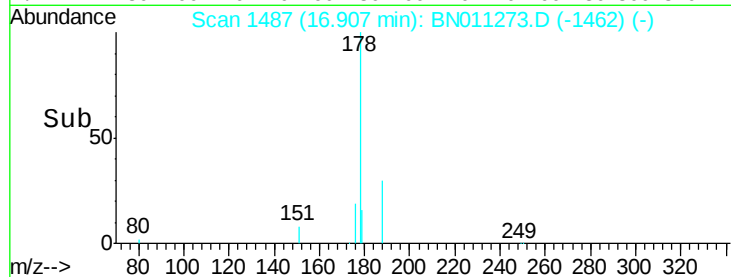
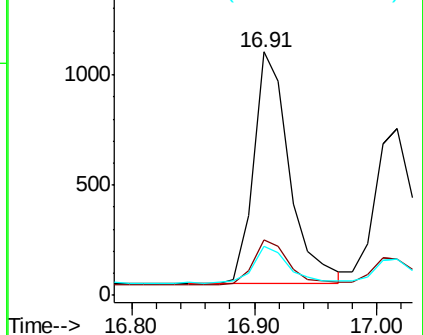
179 15.7 12.2 18.4



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: 0.100 ng

RT: 17.02 min Scan# 1496

Delta R.T. 0.02 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

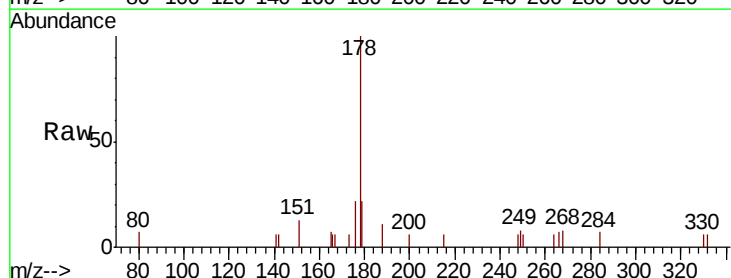
Tgt Ion:178 Resp: 1652

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

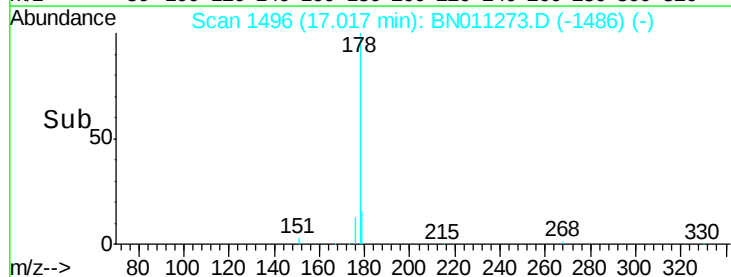
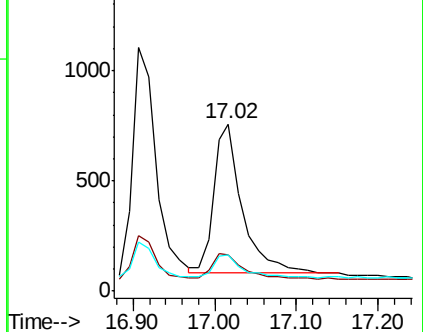
179 16.5 12.1 18.1

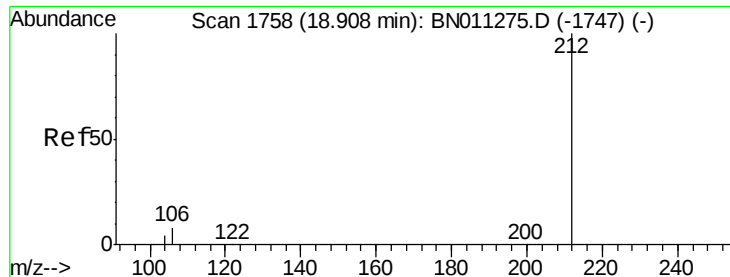


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

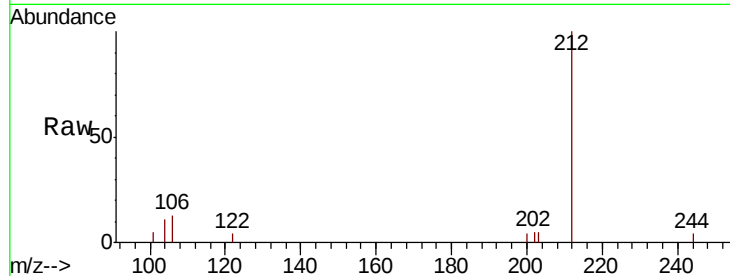




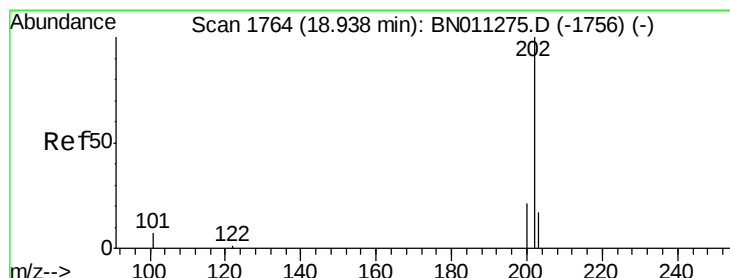
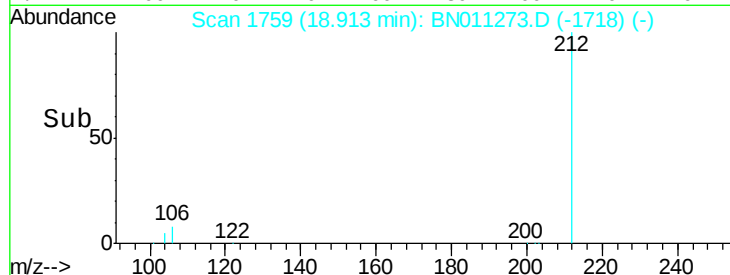
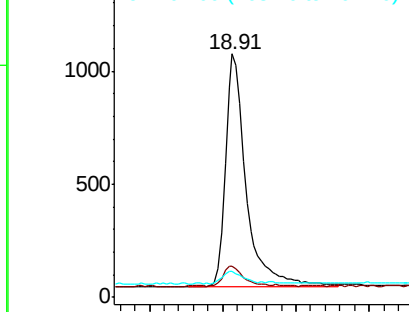
#27
 Fluoranthene-d10
 Concen: 0.105 ng
 RT: 18.91 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: BN011273.D
 Acq: 28 Jul 2020 10:22

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC0.1

Tot Ion	Ratio	Lower	Upper
212	100		
106	8.6	6.9	10.3
104	5.8	4.2	6.2

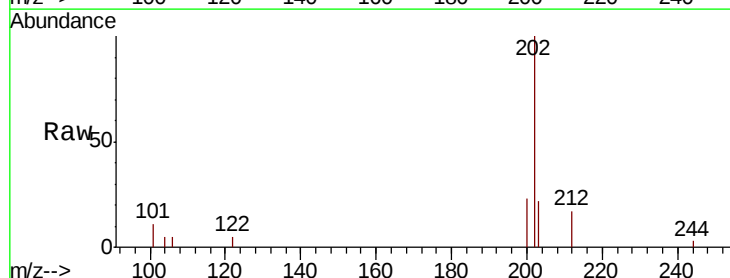


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

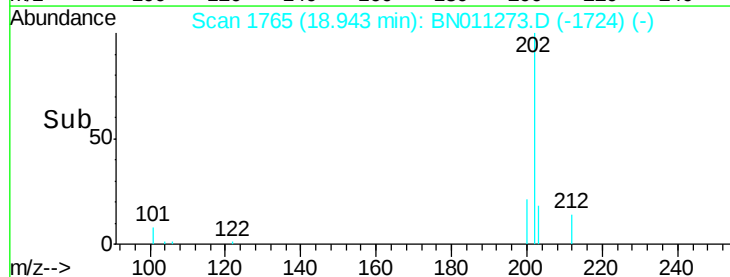
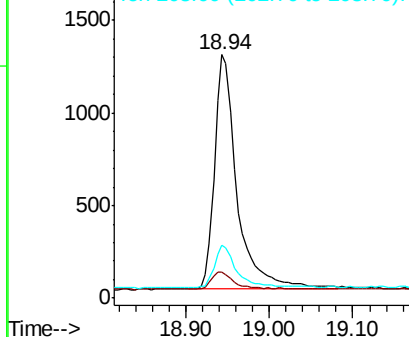


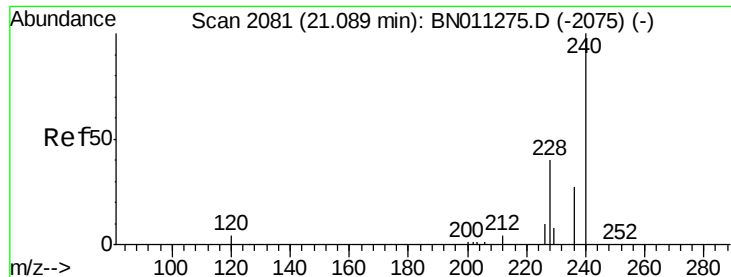
#28
 Fluoranthene
 Concen: 0.100 ng
 RT: 18.94 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BN011273.D
 Acq: 28 Jul 2020 10:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.9	8.9
203	17.3	13.7	20.5



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

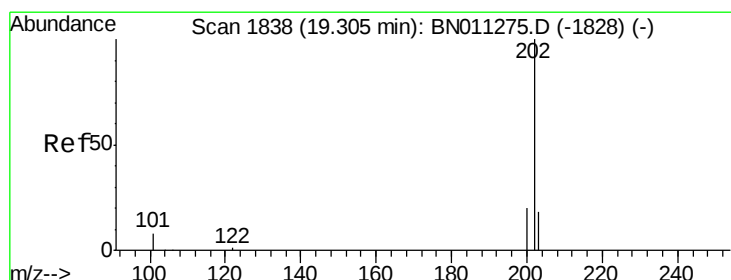
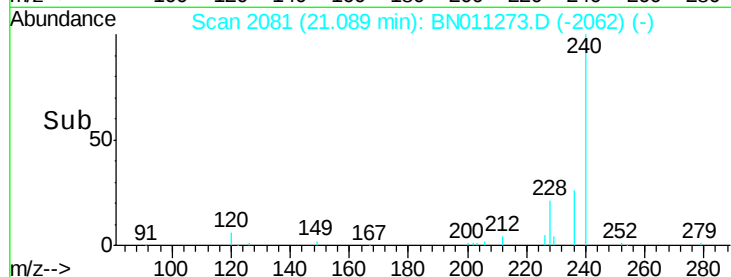
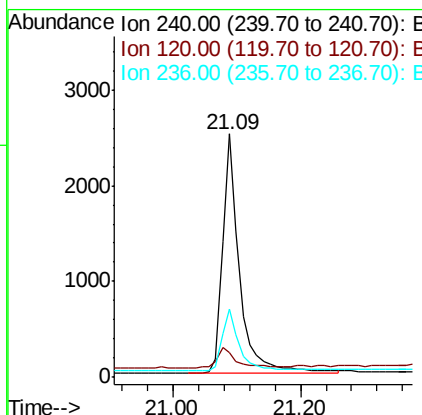
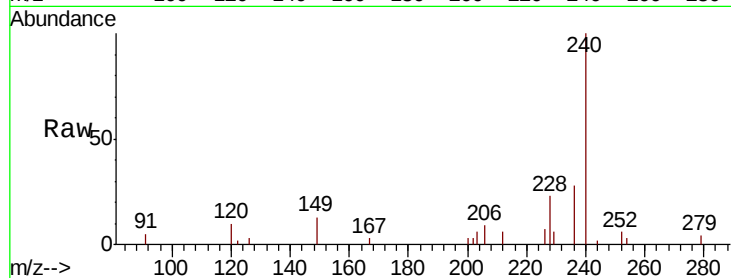




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.09 min Scan# 2081
Delta R.T. 0.00 min
Lab File: BN011273.D
Acq: 28 Jul 2020 10:22

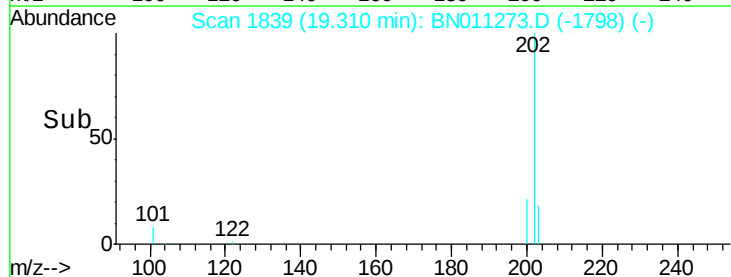
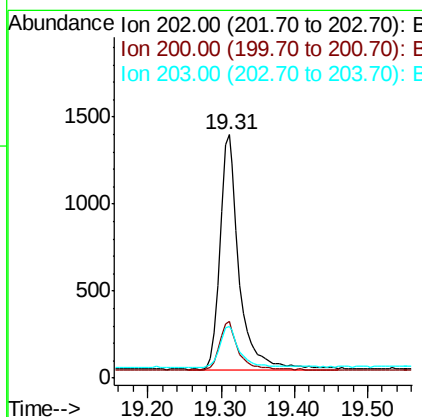
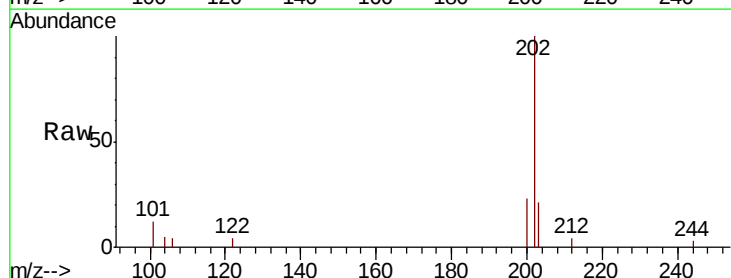
Instrument :
BNA_N
ClientSampleId :
SSTDIC0.1

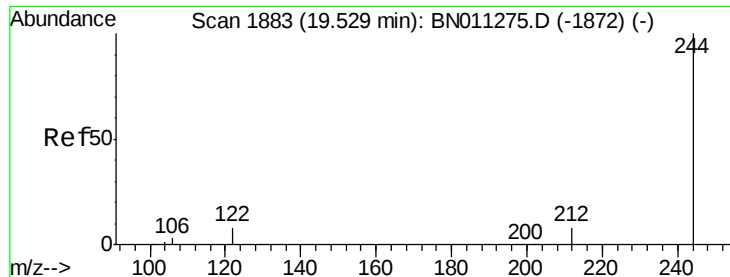
Tot Ion:240 Resp: 4519
Ion Ratio Lower Upper
240 100
120 10.1 5.8 8.8#
236 27.8 22.7 34.1



#30
Pyrene
Concen: 0.142 ng
RT: 19.31 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BN011273.D
Acq: 28 Jul 2020 10:22

Tgt Ion:202 Resp: 2455
Ion Ratio Lower Upper
202 100
200 19.7 16.3 24.5
203 17.7 14.1 21.1





#31

Terphenyl-d14

Concen: 0.134 ng

RT: 19.53 min Scan# 1884

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

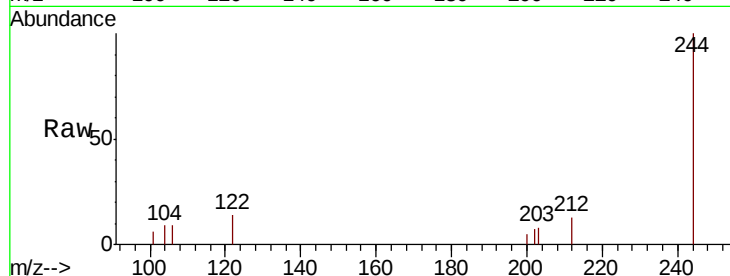
Tot Ion:244 Resp: 1580

Ion Ratio Lower Upper

244 100

212 13.2 7.6 11.4#

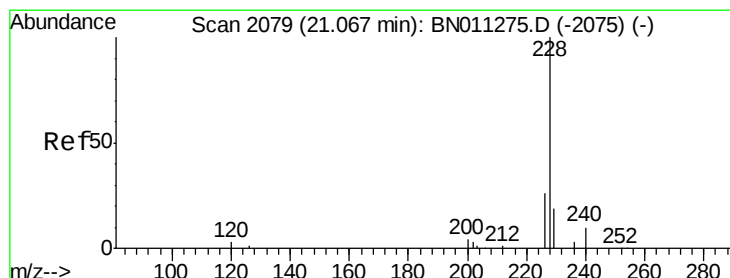
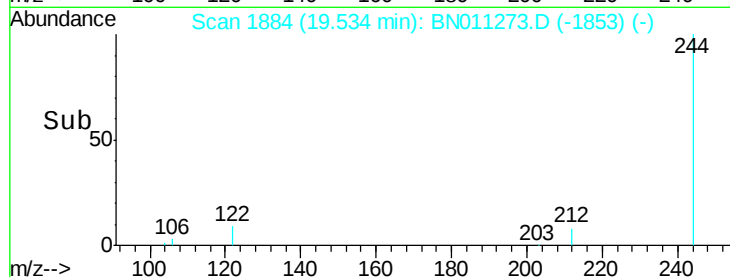
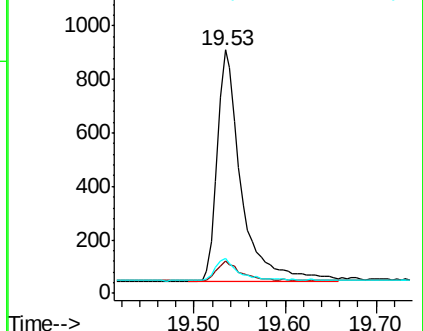
122 14.3 7.5 11.3#



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: 0.104 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

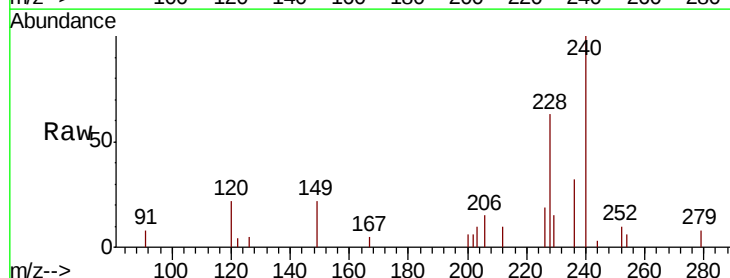
Tgt Ion:228 Resp: 1519

Ion Ratio Lower Upper

228 100

226 30.1 21.6 32.4

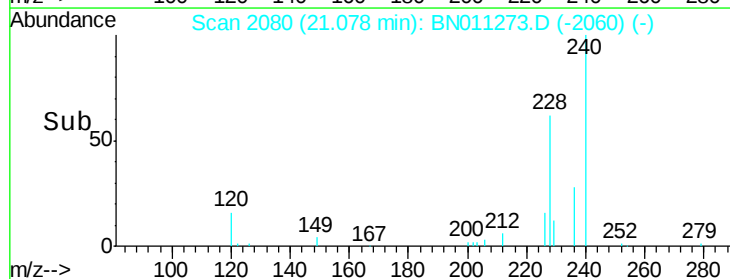
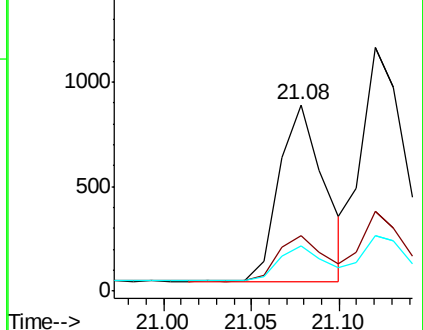
229 24.2 16.0 24.0#

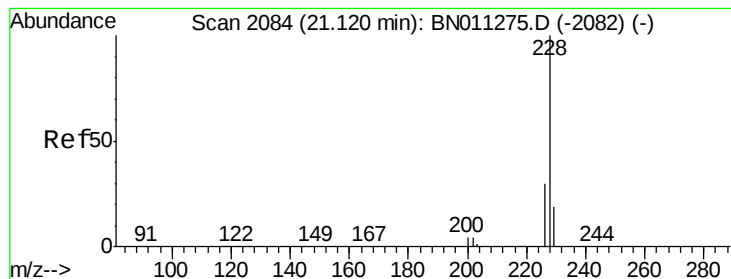


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.116 ng

RT: 21.12 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

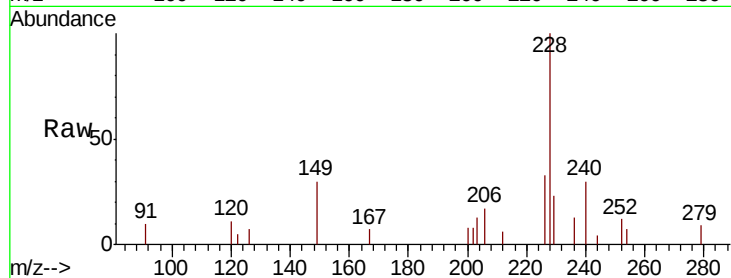
Tot Ion:228 Resp: 2079

Ion Ratio Lower Upper

228 100

226 32.6 24.3 36.5

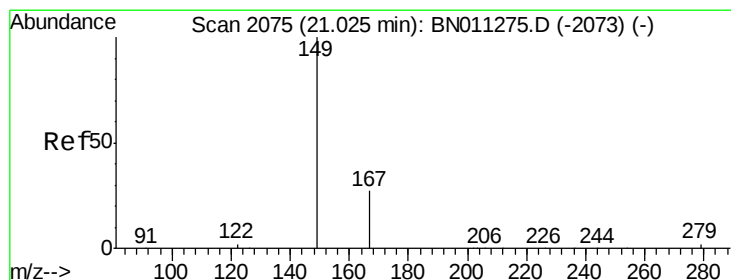
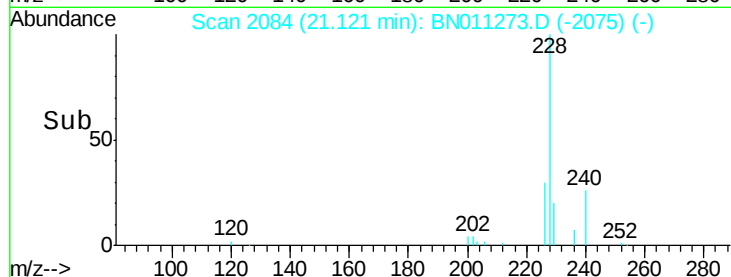
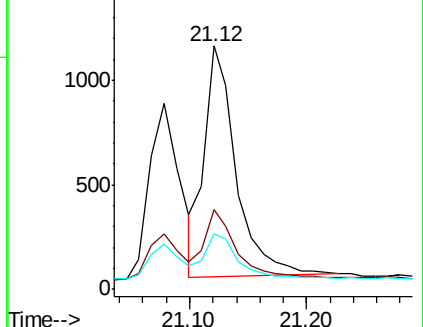
229 23.0 15.9 23.9



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: 0.164 ng

RT: 21.02 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

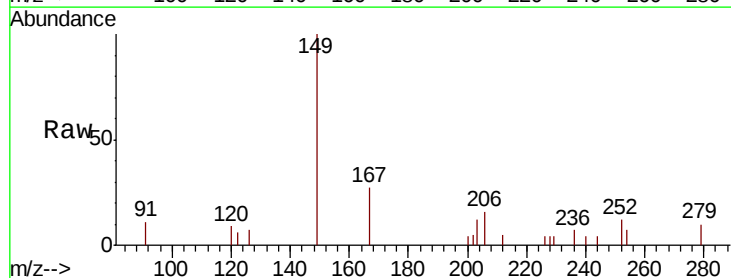
Tgt Ion:149 Resp: 987

Ion Ratio Lower Upper

149 100

167 26.7 21.7 32.5

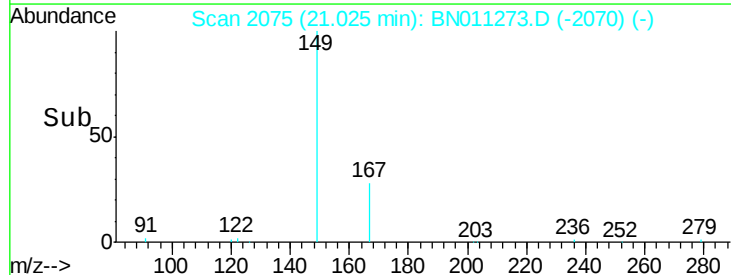
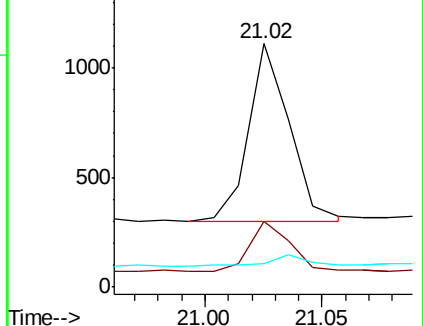
279 6.0 3.9 5.9#

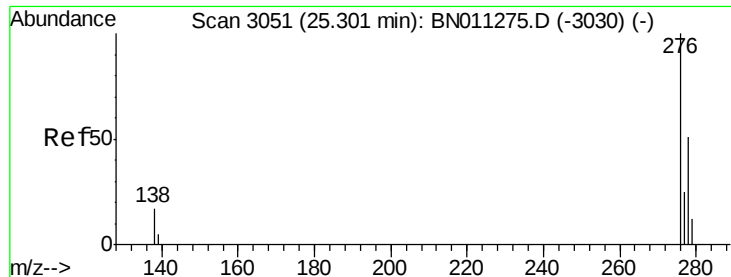


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.100 ng

RT: 25.32 min Scan# 3056

Delta R.T. 0.02 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC0.1

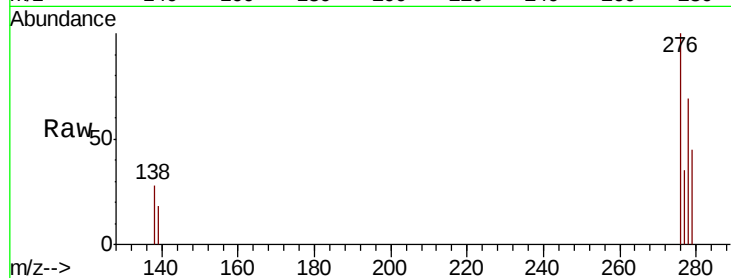
Tot Ion:276 Resp: 1865

Ion Ratio Lower Upper

276 100

138 16.5 13.6 20.4

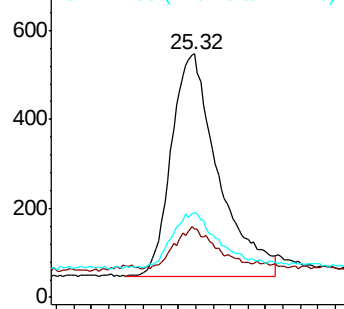
277 24.6 19.7 29.5



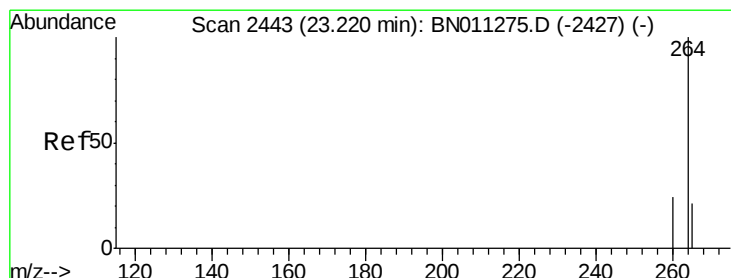
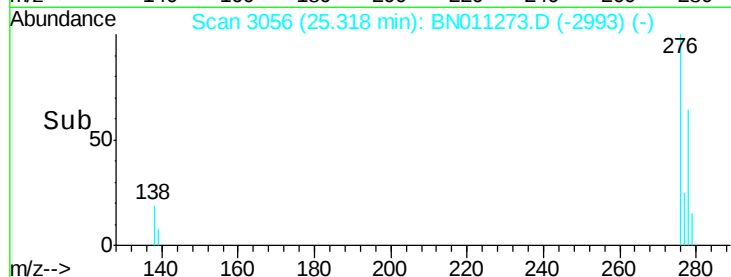
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#36

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

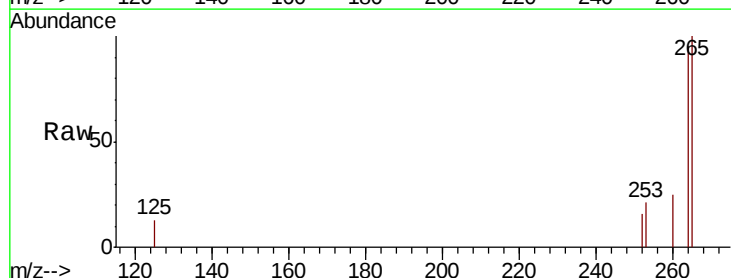
Tgt Ion:264 Resp: 4025

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

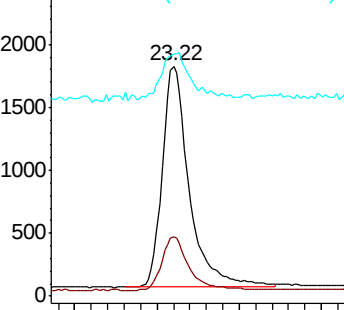
265 105.5 70.7 106.1



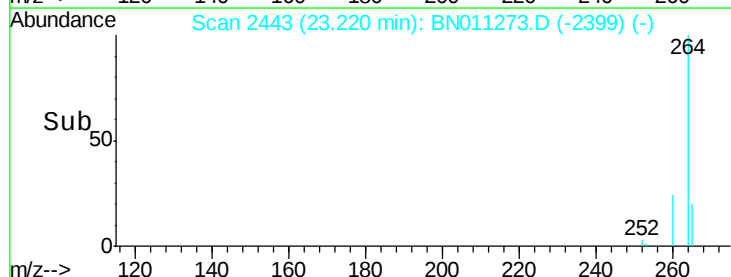
Abundance Ion 264.00 (263.70 to 264.70): E

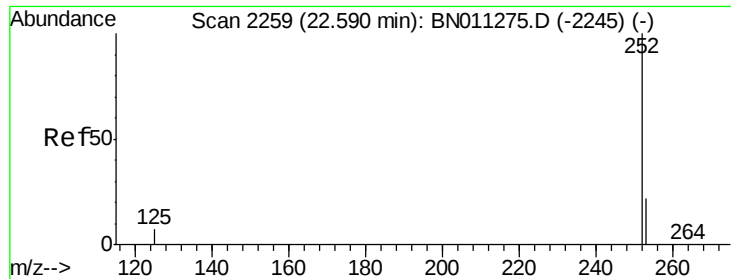
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#37

Benzo(b)fluoranthene

Concen: 0.110 ng

RT: 22.59 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

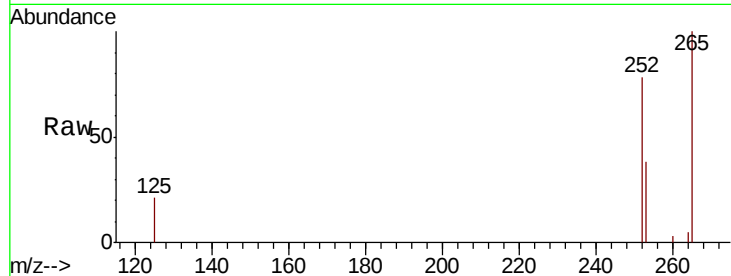
Tot Ion:252 Resp: 1771

Ion Ratio Lower Upper

252 100

253 48.5 23.1 34.7#

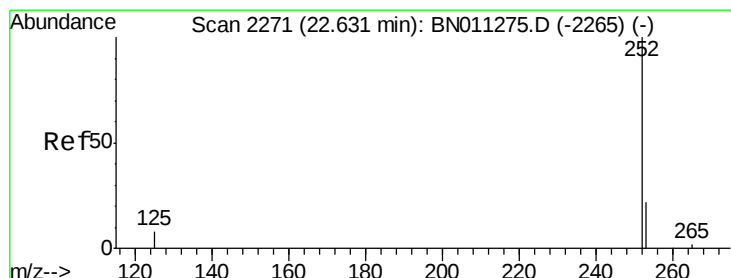
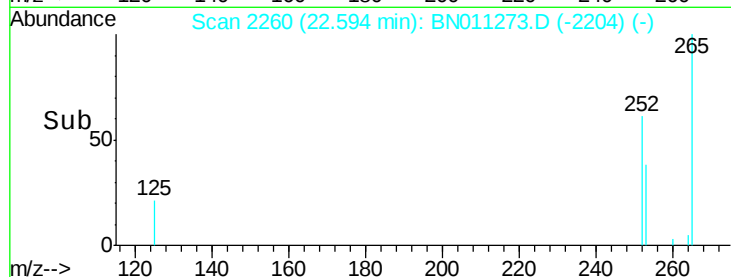
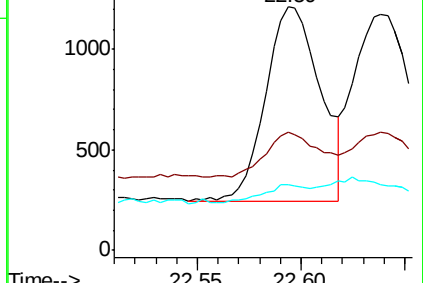
125 27.2 9.4 14.2#



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: 0.103 ng

RT: 22.64 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

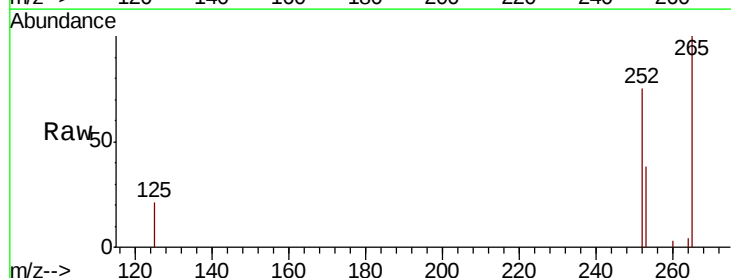
Tgt Ion:252 Resp: 1890

Ion Ratio Lower Upper

252 100

253 50.3 22.9 34.3#

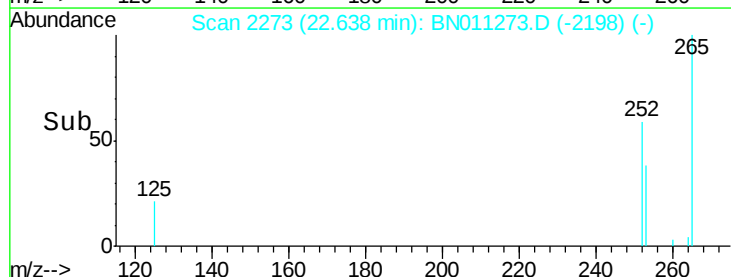
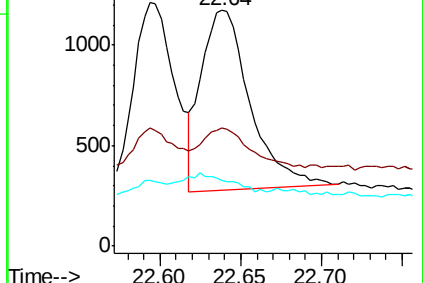
125 28.1 11.3 16.9#

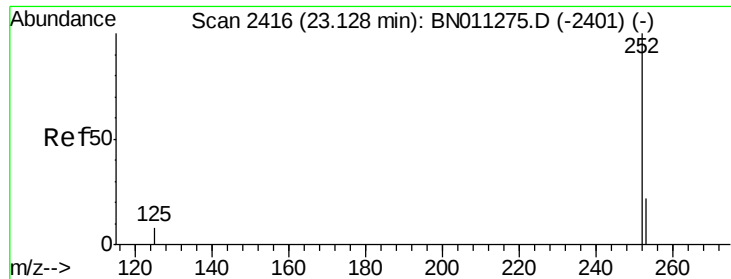


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.109 ng

RT: 23.13 min Scan# 2418

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

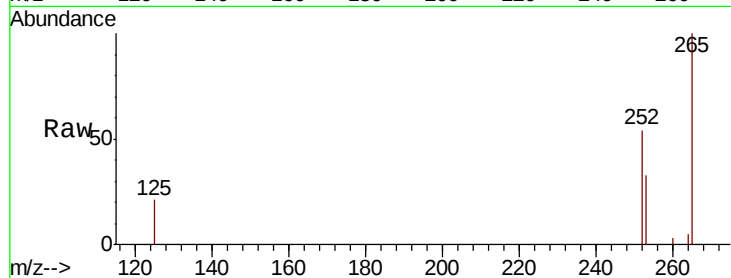
Tot Ion:252 Resp: 1582

Ion Ratio Lower Upper

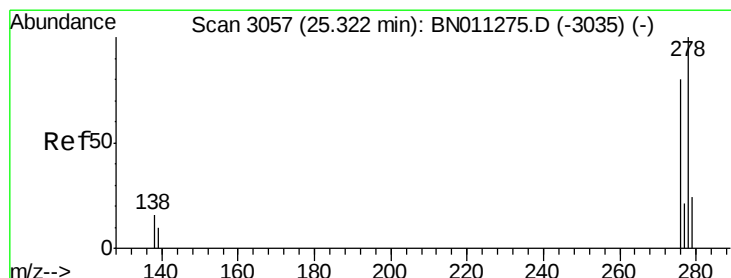
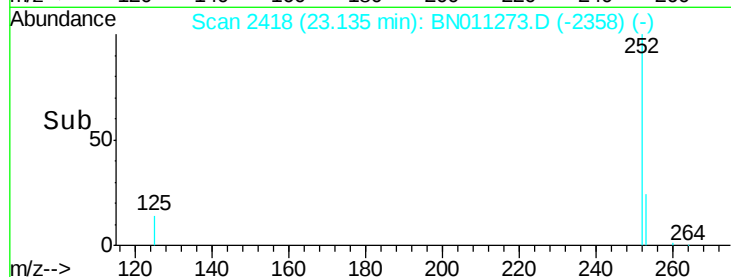
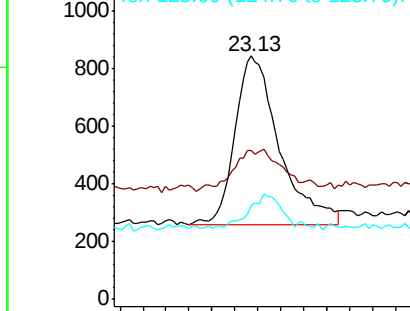
252 100

253 61.0 26.6 39.8#

125 38.4 12.7 19.1#



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: 0.095 ng

RT: 25.33 min Scan# 3060

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

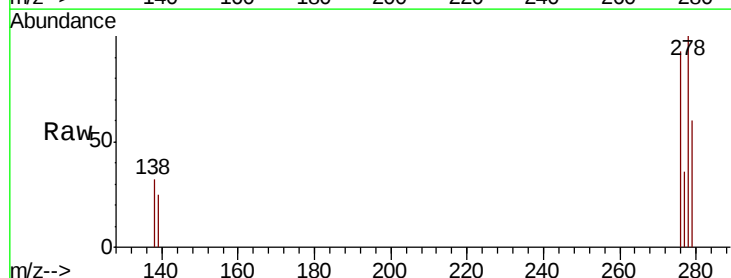
Tgt Ion:278 Resp: 1472

Ion Ratio Lower Upper

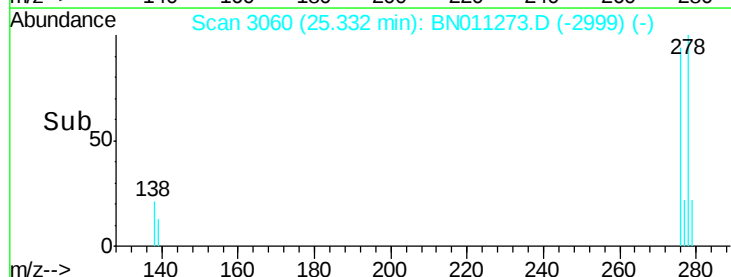
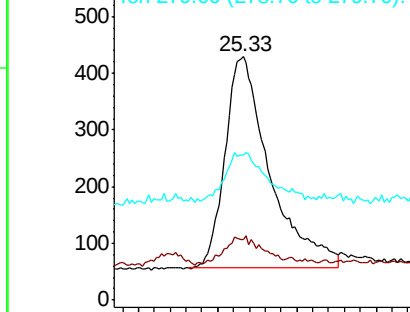
278 100

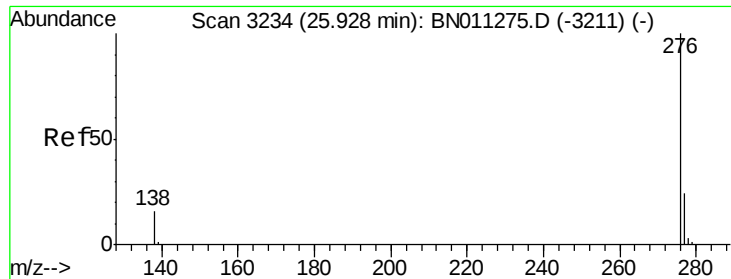
139 24.9 12.4 18.6#

279 59.7 25.8 38.6#



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: 0.107 ng

RT: 25.93 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BN011273.D

Acq: 28 Jul 2020 10:22

Instrument :

BNA_N

ClientSampleId :

SSTDIC0.1

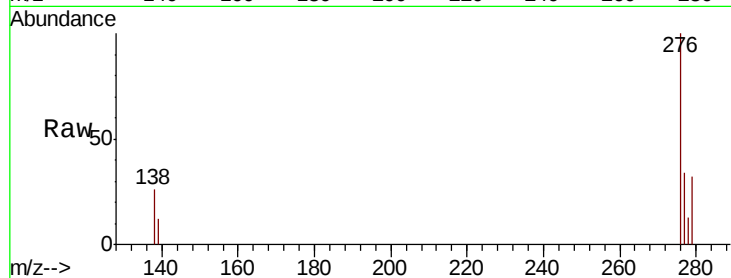
Tot Ion: 276 Resp: 1809

Ion Ratio Lower Upper

276 100

277 34.1 21.0 31.6#

138 26.2 15.0 22.6#



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

